WDSI 2023 Program

WDSI 2023 Portland Oregon

Western Decision Sciences Institute
Fifty First Annual Meeting

April 4 – 7, 2023

Marriott Portland Downtown Waterfront
Portland, Oregon

Yuanjie He, Program Chair, Cal Poly Pomona

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Welcome Message from Program Chair

Dear Colleagues,

As the representative of the WDSI Board, it is my great pleasure to extend a warm welcome to the 2023 Western Decision Sciences Institute (WDSI) Conference in Portland, Oregon. Hosting this event is an honor as we continue our journey into the next 50 years after celebrating our 50th anniversary last year. We are grateful for your presence, and we extend a sincere welcome to our new members, hoping they will become an integral part of our organization and support WDSI and DSI.

The Covid-19 pandemic has presented many challenges, and unfortunately, one of the greatest losses our organization has suffered was the passing of our dear friend and past president, Dr. Karen L. Fowler. Karen was an integral part of our community, and her leadership during her tenure as WDSI president in 1999-2000 was greatly appreciated. Her dedication and commitment to our organization were unwavering, and her passing is a significant loss to all of us. Her legacy will continue to inspire and guide us, and we will always remember her contributions to our community. As we gather for this year's conference, we take a moment to remember Karen and the impact she had on our organization.

I am honored to serve as this year's Program Chair and am looking forward to continuing the celebration of our professional achievements while building stronger and lasting relationships as we embark on this journey together. Over the past 50 years, WDSI members have made significant contributions in research, teaching, and practice, impacting many disciplines. Our conference provides an opportunity to share our ideas and exchange thoughts on how to continue charting our journey forward to reach new heights. At WDSI, every individual's contribution is voluntary, and we pride ourselves on creating genuine connections, building a community, and prioritizing the experience. Our vision is to continue fostering these relationships and creating value for our current and future members. We hope that this conference will allow our members to reflect on and celebrate their past accomplishments, renew friendships, and extend their networks.

We are delighted to come together for this year's conference. Our aim is to provide our members with a platform to reconnect, inspire one another, and generate new ideas. I extend my deepest gratitude to all those who have worked tirelessly to bring this event to fruition, including Past President Omer Benli, Immediate Past President Theodore Byrne, and current President Salem Boumediene, for their outstanding leadership of WDSI. I would like to extend my special thanks to WDSI Treasurer Sheldon Smith for his invaluable guidance, WDSI Director of Information Systems Khosrow Moshirvaziri for his exceptional support, President-elect Pia Gupta for her guidance and camaraderie, as well as Stan Griffis and Seong-Jong Joo for their assistance and motivation. I would like to thank Eldon Li, Mahyar Amouzegar, David Yen, Albert Huang, Omer Benli, and many other WDSI colleagues for your continued mentorships. I also express my

appreciation to my dear colleague Shuo Zeng for his assistance in organizing the conference program.

I thank all the Track Chairs, Awards Committee members, Vivian Landrum, Executive Director of DSI, our parent organization, and our financial sponsors for their contributions. Finally, I want to thank you, our conference participants, for your contributions, which form the foundation of this conference.

As we gather in Portland, let us build on our past achievements, look to the future with optimism and determination, and create a brighter future for WDSI and our profession. Together, we can make the most of this opportunity to learn from one another, share our experiences and ideas, and strengthen our professional relationships.

Thank you, and I look forward to seeing you at WDSI 2023 in Portland!

Sincerely,

Yuanjie (Ed) He
California State Polytechnic University, Pomona
WDSI 2023 Vice-President, Program Chair

ABOUT THE INSTITUTES

DECISION SCIENCES INSTITUTE (DSI) https://decisionsciences.org/

- **President:** Natalie Simpson, State University of New York Buffalo
- **President Elect:** David Dobrzykowski, University of Arkansas
- **Immediate Past President:** Joy Field, Boston College

The Decision Sciences Institute is an interdisciplinary, international organization dedicated to the advancement of the science and practice of education and research about business decisions. It promotes excellence in teaching and scholarship and seeks to serve current and future developmental needs of doctoral students, faculty, and academic administrators. Through its journals, Decision Sciences, Decision Sciences Journal of Innovative Education and the online publication Decision Line, national and regional meetings, and other activities, it serves as a vehicle to advance and disseminate the theory, application, pedagogy, and curriculum development of the decision sciences.

WESTERN DECISION SCIENCES INSTITUTE (WDSI) http://www.wdsinet.org/

- **President:** Salem Boumediene, University of Illinois Springfield
- **President Elect:** Pia Gupta, California State University, Long Beach
- **Vice President, Program Chair:** Yuanjie He, California State Polytechnic University, Pomona
- **Vice President, Program Chair Elect:** Stanley E. Griffis, Michigan State University
- **Vice President, Marketing and Advancement:** Seong-Jong Joo, Air Force Institute of Technology
- **Secretary/Treasurer:** Sheldon R. Smith, Utah Valley University
- **Director of Information Systems:** Khosrow Moshirvaziri, California State University, Long Beach
- **Immediate Past President:** Theodore Byrne, California State University Dominguez Hills

The Western Decision Sciences Institute is a regional division of the Decision Sciences Institute. It serves its interdisciplinary academic and business members primarily through the organization of an annual conference and the publication of the Journal of Business and Management. The conference and journal allow academicians and business professionals from all over the world to share information and research with respect to all aspects of education, business, and organizational decisions.

PAST WDSI PRESIDENTS

2020-2022 Theodore Byrne, California State University, Dominquez Hills
2019-2020 Omer Benli, California State University, Long Beach
2018-2019 Albert Huang, University of the Pacific
2017-2018 Natasa Christodoulidou, California State University, Dominquez Hills
2016-2017 John Bell, University of Tennessee
2015-2016 Debbie Gilliard, Metropolitan State University of Denver
2014-2015 Hamdi Bilici, California State University Long Beach
2013-2014 David C. Yen, Texas Southern University
2012-2013 Sheldon R. Smith, Utah Valley University
2011-2012 John Davies, Victoria University, Wellington
2010-2011 Nafisseh Heiat, Montana State University-Billings
2009-2010 Mahyar Amouzegar, California State University, Long Beach
2008-2009 G. Keong Leong, University of Nevada, Las Vegas
2007-2008 Vijay R. Kannan, Utah State University
2006-2007 Bruce Raymond, Montana State University
2005-2006 Cynthia Pavett, University of San Diego
2004-2005 Miles G. Nicholls, RMIT University
2003-2004 Krishna S. Dhir, Berry College
2002-2003 Eldon Y. Li, California Polytechnic State University, San Luis Obispo
2001-2002 Paul Mallette, Colorado State University
2000-2001 Marc Massoud, Claremont McKenna College
1999-2000 Karen L. Fowler, University of Northern Colorado
1998-1999 Richard L. Jenson, Utah State University
1997-1998 Thomas E. Callarman, Arizona State University
1996-1997 George A. Marcoulides, California State University, Fullerton
1995-1996 Joseph R. Biggs, California Polytechnic State University, San Luis Obispo
1994-1995 Kathy L. Pettitt-O'Malley, University of Idaho
1993-1994 Howard R. Toole, San Diego State University
1992-1993 Terrel G. Williams, Western Washington University
1991-1992 V. V. "Kris" Bellur (deceased), California State University, Bakersfield
1990-1991 John C. Rogers (deceased), California Polytechnic State University, San Luis Obispo
1989-1990 V. Lyman Gallup, Boise State University
1988-1989 Shannon V. Taylor, Montana State University
1987-1988 Patrick W. Shannon, Boise State University
1986-1987 Michael F. O'Neil, California State University, Chico
1985-1986 Bert M. Steece, University of Southern California
1984-1985 John P. Dickson, University of Puget Sound
1983-1984 Daniel Brooks, Arizona State University
1982-1983 Michael Geurts, Brigham Young University
1981-1982 Pieter Vandenburg, San Diego State University
1980-1981 C. R. Michael Parent, Utah State University

1979-1980 Steven D. Wood, Arizona State University
1978-1979 Jim D. Barnes (deceased), California State University, Bakersfield
1977-1978 Paul Baum, California State University, Bakersfield
1976-1977 James E. Reinmuth, University of Oregon
1975-1976 William T. Newell, University of Washington
1974-1975 Charles P. Bonini, Stanford University
1973-1974 William R. Sherrard, San Diego State University
1972-1973 Robert Childress, University of Southern California
1971-1972 Manfred W. Hopfe, California State University, Sacramento

TRACK CHAIRS

Accounting: Salem Boumediene, University of Illinois Springfield, sboum2@uis.edu

Business Environment - Strategy, Policy, Law, Ethics: Mark Washburn, California State University Long Beach, Mark.Washburn@csulb.edu

Finance and Investment: Jennifer Miele and Vinh Huy Nguyen, California State University, Fresno, jmiele@csufresno.edu and vinhn@csufresno.edu

Hospitality Management and Marketing: Natasa Christodoulidou, California State University Dominguez Hills, nchristodoulidou@csudh.edu

Innovative Education: Rita Kumar and Larisa Preiser-Houy, California State Polytechnic University, Pomona, adkumar@cpp.edu and lpreiser@cpp.edu

Internet and e-Business: Albert Huang, University of the Pacific, ahuang@pacific.edu and David Yen, Texas Southern University, david.yen@tsu.edu

Management Science and Quantitative Methods: Adam Reiman, Air Force Institute of Technology, reiman.adam@gmail.com

Management, Entrepreneurship, and Organization: Cindy Sutton and Debora Gilliard, Metropolitan State University of Denver, suttoncy@msudenver.edu and gilliard@msudenver.edu

Marketing: Sally Baalbaki-Yassine, Metropolitan State University of Denver, baalbaki@msudenver.edu

Military Applications: Jeff Weir, Air Force Institute of Technology, jeff.weir.1@gmail.com, and Paul Hartman, RGBSI Aerospace & Defense, paul.hartman@rgbsiaero.com

MIS and Business Analytics: Yang Sun, California State University, Sacramento, yang.sun@cnsu.edu

Modeling and Simulation: Khosrow Moshirvaziri, California State University Long Beach, Khosrow.Moshirvaziri@csulb.edu and Sina Shokoohyar, Seton Hall University, sina.shokoohyar@shu.edu

Operations, Logistics and Supply Chain Management: Stanley Griffis, Michigan State University, griffis1@msu.edu and John Bell, University of Tennessee, bell@utk.edu

Public Policy and Public Administration: Rui Sun and Theodore Byrne, California State

University Dominguez Hills, rsun@csudh.edu and tbyrne@csudh.edu

Sustainability Issues in Decision Making: Shuo Zeng, California State Polytechnic University, Pomona, shuozeng@cpp.edu

Special Sessions: Yuanjie He, California State Polytechnic University, Pomona, he@cpp.edu

WDSI 2023 COMMITTEES AND SPONSORS

JUNIOR FACULTY AWARD COMMITTEE

- Pia Gupta, California State University, Long Beach
- Seong-Jong Joo, Air Force Institute of Technology
- Sheldon Smith, Utah Valley University

BEST PAPER AWARD COMMITTEE

- Mahyar Amouzegar, The University of New Orleans
- Omer Benli, California State University, Long Beach
- Albert Huang, University of Pacific

PROCEEDINGS & PROGRAM EDITOR

- Yuanjie He, Cal Poly Pomona

ASSOCIATE CONFERENCE PROGRAM EDITOR

- Shuo Zeng, Cal Poly Pomona

FINANCIAL SPONSORS

- College of Business, California State University, Long Beach
- College of Business Administration, Cal Poly Pomona
- Accounting Department, Utah Valley University
- The University of New Orleans
- Management Department & Marketing Department, Metropolitan State University of Denver
- Dr. Seong-Jong Joo, Air Force Institute of Technology
- Haworth College of Business, Western Michigan University
- Alpha Iota Delta, sponsor of Best Paper Awards

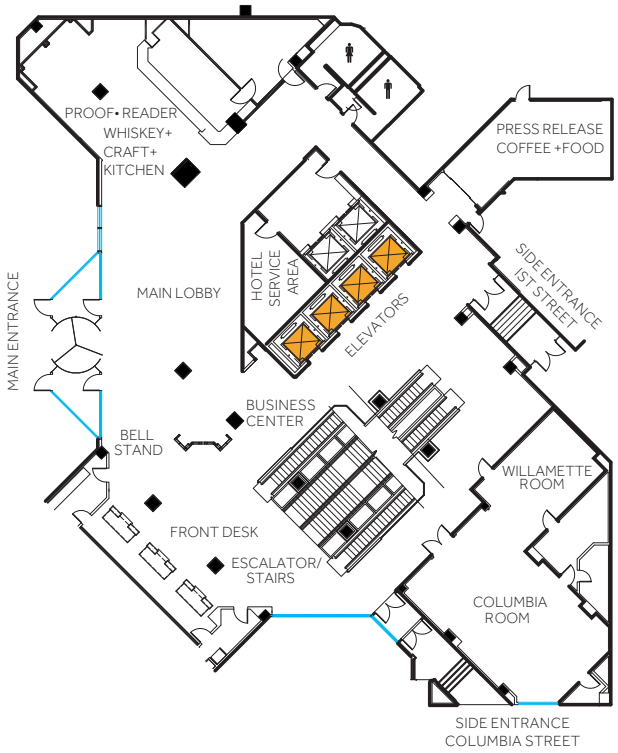
SPECIAL SPONSORSHIP IN HONOR OF KAREN FOWLER

- WDSI Board Members and Past Presidents to honor WDSI past president Dr. Karen Fowler

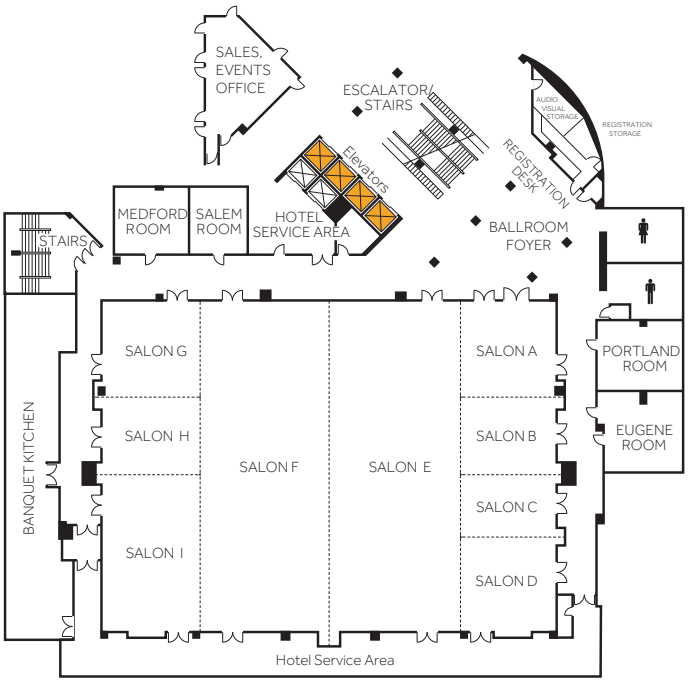
MARRIOTT
PORTLAND DOWNTOWN
WATERFRONT

Hotel Floor Plans

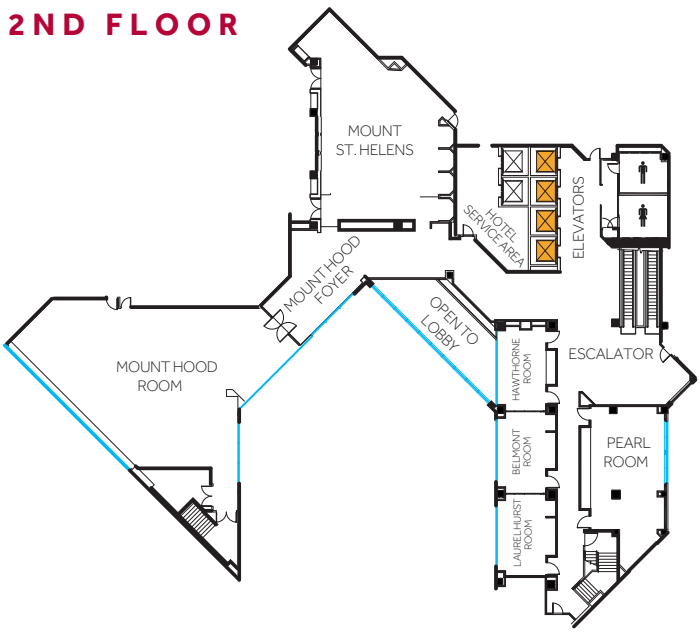
MAIN LOBBY



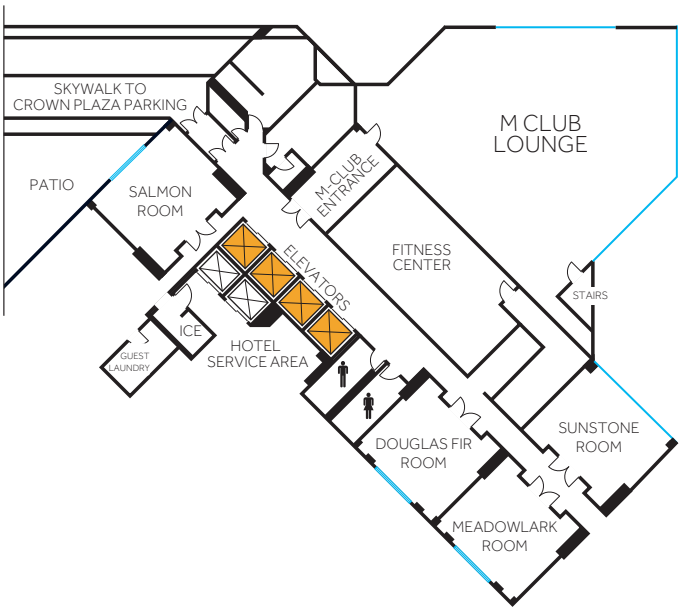
LOWER LEVEL 1



2ND FLOOR



3RD FLOOR



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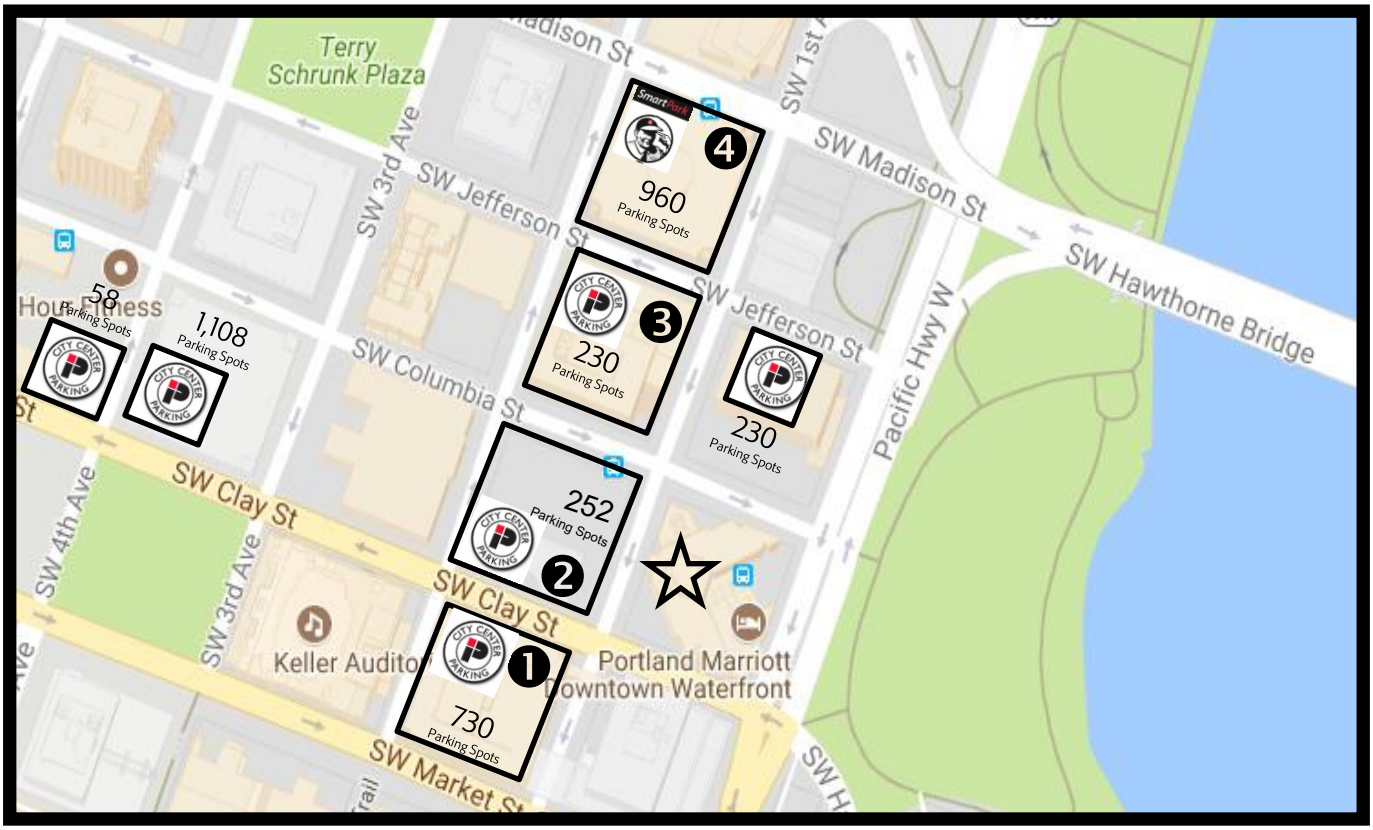
Local Area Parking



❶ CROWN PLAZA

Lot #62
1st & Clay (120 SW Clay)
(503) 294-3275
$6.00 per hour
$19.00 Maximum per day
$6.00 Evenings 6:00 PM – 5:00 AM
Early Bird $14.00 in before 9:30 AM
*No in-and-out privileges
$22.00 overnight

❷ KOIN CENTER

Lot #23
1st & Clay (151 SW Clay)
(503) 221-1666
$6.00 per hour
$18.00 Maximum per day
$6.00 Evenings arrive after 5:00 PM
Early Bird $14.00 before 10:30 AM

❸ COLUMBIA SQUARE

Lot #83
1st & Jefferson (144 SW Jefferson)
(503) 221-1666
$5.00 per hour
$13.00 Maximum per day
$5.00 Evenings
Early Bird $16.95 in before 10:30 AM
$5.00 Weekends

❹ SMART PARK

1st & Jefferson (123 SW Jefferson)
(503) 790-9302
$1.80 1 hour, $3.60 2 hours
$5.40 3 hours, $7.40 4 hours
$20.00/24 hours-ends at 5:00 AM
$5.00 evening arrive after 5:00 PM
Height restriction: 6'9"

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1401 SW Naito Parkway
Portland, OR 97201
Phone: 503.226.7600

Valet Parking
with In-and-Out privileges
$49.00 per day
-or-
0-2 hours $10.00
2-4 hours $20.00
4-6 hours $30.00
over 6 hours $49.00

Oversize Vehicles:
$78 per day

Cannot park vehicles with roof containers, dually tires or extended vehicles.

Max Height 7'0"

Portland City Center
N
W
E
S
NW Northrup
NW Lovejoy
STREETCAR
NW 22nd
NW 21st
NW 20th
NW Glisan
NW Everett
NW 11th
NW 10th
N Interstate Ave
Broadway Bridge
Willamette River
Steel Bridge
NE Broadway
NE Weidler
NE Holladay
To Airport
Oregon Convention Center
STREETCAR
Martin Luther King Jr. Blvd.
Grand Avenue
MAX LIGHT RAIL
MAX LIGHT RAIL
Burnside Bridge
West Burnside
East Burnside
SW 18th
SW 11th
SW 10th
SW Washington
SW Morrison
SW Yamhill
SW Salmon
SW Main
SE 11th
SE 12th
SW Broadway
SW Sixth
SW Fifth
Naito Parkway
Hawthorne Br
STREETCAR
Lincoln
River Parkway
Marquam
Tilikum Bridge
Moody Ave.
Naito Parkway
SE Powell Blvd.
Ross Island Bridge
Portland Aerial Tram
Marquam Hill/
Upper Tram Terminal
Lower Tram
Terminal
Portland Marriott
Downtown Waterfront
Music Venues
26 Keller Auditorium
27 Lincoln Hall
28 Arlene Schnitzer Concert Hall
29 The Old Church Concert Hall
30 McMenamins Crystal Ballroom
31 Doug Fir Lounge
32 Holocene
33 Starlight Patio & Lounge at the Star Theater
34 Revolution Hall
35 The Jack London Revue
36 Stage 722
Restaurants
1 Proof·Reader Restaurant & Bar
2 Morton's Steakhouse
3 King Tide Fish and Shell
4 Il Terrazzo
5 McCormick & Schmick's
6 Portland Spirit Cruises
7 Q Restaurant & Bar
8 Luc Lac Vietnamese Kitchen
9 Higgins
10 Ray's Kitchen
11 Murata Restaurant
12 The Xport Rooftop Lounge
13 August Moon | Chinese Restaurant
14 Potbelly Sandwich Shop
15 Portland Kettle
16 YoMi Sushi
17 Bangkok Palace
18 Elephants at World Trade Center
19 Oishii Mika Sushi
20 Poke Bar
21 Kizuki Ramen & Izakaya
22 Third Avenue Food Cart Pod
23 Fifth Avenue Food Cart Pod
24 PSU Food Cart Pod
25 Hawthorne Asylum Food Carts

Covid-19 Testing Locations in Downtown Portland

Safeway Grocery Store

1030 SW Jefferson Street

503-205-1849

CVS Pharmacy

345 Harrison Street

503-327-0234

Covid-19 Testing Locations Near PDX-Portland International Airport

the following may require an appointment

AFC Urgent Care

7033 NE Sandy Blvd

503-305-6262

Fred Meyer

7404 N Interstate Avenue

503-286-6784

Local Hospitals

Legacy Good Samaritan Medical Center	1015 NW 22nd Ave	503.413.7711
Oegon Health & Science University (OHSU)	3270 SW Pavillion Loop	503.494.8311
Providence Portland Medical Center	4805 NE Glisan Street	503.215.1111
Kaiser Permanente	1035 NW Northrup	855.235.0491

Local Pharmacies

CVS Pharmacy (9am - 8pm, 7 days a week)	345 SW Harrison Street	503.327.0234
Safeway Pharmacy (9am-8pm M-F, 9am-5pm S&S)	1030 SW Jefferson Street	503.205.1860
Rite Aid Pharmacy (8am-8pm M-F, 9am-6pm S&S)	622 SW Alder Street	503.226.6791
Fred Meyer Pharmacy (9am-7pm M-F, 9am-6pm S&S)	100 NW 20th Pl.	503.721.4133

Schedule of Events

Tuesday, April 4, 2023

3:00 PM	--	6:00 PM	Conference Registration	Registration Desk Area
6:00 PM	--	7:30 PM	Welcome Reception (Sponsored by: College of Business Administration, California State Polytechnic University, Pomona)	Mt. Hood
7:30 PM	--		Dinner on your own	--

Wednesday, April 5, 2023

	--	7:45 AM	Breakfast on your own	--
7:45 AM	--	4:00 PM	Conference Registration	Registration Desk Area
8:00 AM	--	9:40 AM	Concurrent Sessions	Salon A - H (exclude E)
9:40 AM	--	10:00 AM	Coffee Break 1 (Sponsored by: Utah Valley University, Accounting Department)	Mt. Hood
10:00 AM	--	11:40 AM	Concurrent Sessions	Salon A - H (exclude E)
11:45 AM	--	1:00 PM	BOD Meeting and Luncheon (By invitation only)	Pearl
11:45 AM	--	1:00 PM	Lunch on your own	--
1:00 PM	--	2:40 PM	Concurrent Sessions	Salon A - H (exclude E)
2:40 PM	--	3:00 PM	Coffee Break 2 (Sponsored by: Dr. Seong-Jong Joo, Air Force Institute of Technology)	Mt. Hood
3:00 PM	--	4:40 PM	Concurrent Sessions	Salon A - H (exclude E)
5:00 PM	--	6:00 PM	Special Session - Future of Higher Education	Salon G
6:00 PM	--	7:30 PM	WDSI President's Reception (Sponsored by: College of Business, California State University, Long Beach)	Mt. Hood
7:30 PM	--		Dinner on your own	--

Thursday, April 6, 2023

	--	7:45 AM	Breakfast on your own	--
7:45 AM	--	4:00 PM	Conference Registration	Registration Desk Area
8:00 AM	--	9:40 AM	Concurrent Sessions	Salon A - H (exclude E)
9:40 AM	--	10:00 AM	Coffee Break 3 (Sponsored by: Haworth College of Business, Western Michigan Univesity)	Mt. Hood
10:00 AM	--	11:40 AM	Concurrent Sessions	Salon A - H (exclude E)
11:45 AM	--	1:00 PM	WDSI 2024 Planning Meeting and Luncheon (By invitation only)	Pearl
11:45 AM	--	1:00 PM	Lunch on your own	--
1:00 PM	--	2:40 PM	Concurrent Sessions	Salon A - H (exclude E)

2:40 PM	--	3:00 PM	Coffee Break 4 (Sponsored by: The University of New Orleans)	Mt. Hood
3:00 PM	--	4:40 PM	Concurrent Sessions	Salon A - H (exclude E)
6:30 PM	--	8:30 PM	WDSI 2023 Banquet	Salon E - 150

Friday, April 7, 2023

	--	7:45 AM	Breakfast on your own	--
7:45 AM	--	10:00 AM	Conference Registration	Registration Desk Area
8:00 AM	--	9:40 AM	Concurrent Sessions	Salon A - H (exclude E)
9:40 AM	--	10:00 AM	Coffee Break 5 (Sponsored by: Department of Management and Department of Marketing, Metropolitan State University of Denver)	Mt. Hood
10:00 AM	--	11:40 AM	Concurrent Sessions	Salon A - H (exclude E)
11:45 AM	--	1:30 PM	WDSI 2023 Business Luncheon	Mt. Hood

Track Legend

TrackName	TrackCode
Accounting	ACC
Business Environment - Strategy, Policy, Law & Ethics	BES
Finance and Investment	FIN
Hospitality Management and Marketing	HOS
Innovative Education	EDU
Internet and eBusiness	IEB
Management Science and Quantitative Methods	MSQ
Management, Entrepreneurship and Organizations	MEO
Marketing	MKT
Military Applications	MIL
MIS and Business Analytics	MBA
Modeling and Simulation	MOS
Operations, Logistics and Supply Chain Management	OLS
Public Policy and Public Administration	PPA
Special Session	SPS
Sustainability Issues in Decision Making	SUS

Session Lookup by Author Name

Last Name	First Name				
Adams	Joshua	Friday	10:00:00 AM	Salon A	MBA5
Adut	David	Thursday	3:00:00 PM	Salon A	ACC3
Albawaneh	Mahmoud	Wednesday	1:00:00 PM	Salon D	MOS2
Amer	TS	Wednesday	3:00:00 PM	Salon D	MBA3
Amouzegar	Mahyar	Thursday	10:00:00 AM	Salon D	MOS3
Ansari	Al	Thursday	1:00:00 PM	Salon B	BES3
Ansari	Alexander	Thursday	1:00:00 PM	Salon B	BES3
Apitz	Juan	Wednesday	1:00:00 PM	Salon D	MOS2
Asencio	Hugo	Friday	10:00:00 AM	Salon B	PPA3
Baalbaki-Yassine	Sally	Wednesday	10:00:00 AM	Salon C	MKT1
Baalbaki-Yassine	Sally	Thursday	8:00:00 AM	Salon B	MEO1
Baker-Eveleth	Lori	Wednesday	3:00:00 PM	Salon D	MBA3
Baker-Eveleth	Lori	Thursday	1:00:00 PM	Salon C	MEO3
Baloglu	Seyhmus	Thursday	8:00:00 AM	Salon A	HOS1
Bang Tavakoli	Zohreh	Friday	10:00:00 AM	Salon B	PPA3
Bartlett	Tyler	Thursday	8:00:00 AM	Salon C	MIL1
Bartlett	Tyler	Thursday	10:00:00 AM	Salon C	MIL2
Benli	Omer	Wednesday	1:00:00 PM	Salon D	MOS2
Berardi	Rita	Friday	10:00:00 AM	Salon A	MBA5
Bim	Silvia Amélia	Friday	10:00:00 AM	Salon A	MBA5
Binesh	Nasim	Thursday	8:00:00 AM	Salon A	HOS1
Bobadilla	Gerardo	Wednesday	10:00:00 AM	Salon C	MKT1
Boughton	Charles	Friday	8:00:00 AM	Salon C	FIN2
Boumediene	Salem L	Wednesday	1:00:00 PM	Salon A	ACC2
Boumediene	Salma	Wednesday	1:00:00 PM	Salon A	ACC2
Bour	zahra	Thursday	3:00:00 PM	Salon B	MBA4
Bovee	Brian	Wednesday	10:00:00 AM	Salon A	EDU1
Bozkurt	Ipek	Wednesday	3:00:00 PM	Salon G	SUS2
Branisa Caballero	Boris	Friday	10:00:00 AM	Salon A	MBA5
Britto	Sarah	Friday	10:00:00 AM	Salon B	PPA3
Brodmann	Jennifer	Friday	10:00:00 AM	Salon B	PPA3
Burns	James	Wednesday	3:00:00 PM	Salon G	SUS2
Byrne	Theodore	Friday	10:00:00 AM	Salon B	PPA3
Caliskan	Cenk	Wednesday	10:00:00 AM	Salon G	OLS2
Cao	Ray	Wednesday	3:00:00 PM	Salon G	SUS2
Carter	Jessica	Thursday	10:00:00 AM	Salon B	MEO2
Chaffin	Daniel	Thursday	8:00:00 AM	Salon B	MEO1
Chang	Hsin Hsin	Thursday	10:00:00 AM	Salon B	MEO2
Chang	Hung-Chang	Thursday	10:00:00 AM	Salon G	SUS4
Chang	Jyun-Hong	Wednesday	3:00:00 PM	Salon A	IEB2
CHATTERJEE	SHUKTIKA	Thursday	1:00:00 PM	Salon D	PPA1
CHATTERJEE	SHUKTIKA	Friday	10:00:00 AM	Salon B	PPA3
Chen	Jim	Thursday	3:00:00 PM	Salon B	MBA4
Chen	Kuanchin	Wednesday	10:00:00 AM	Salon B	IEB1
Chen	Liang	Wednesday	10:00:00 AM	Salon G	OLS2
Chen	Yong-Xuan	Wednesday	10:00:00 AM	Salon B	IEB1
Cheng	JAO HONG	Wednesday	3:00:00 PM	Salon A	IEB2
Cheng	JAO HONG	Wednesday	3:00:00 PM	Salon A	IEB2

Last Name	First Name				
Cheng	Wen	Wednesday	8:00:00 AM	Salon C	MOS1
Cheng	Wen	Wednesday	8:00:00 AM	Salon C	MOS1
Cheng	Wen	Thursday	10:00:00 AM	Salon D	MOS3
Cheng	Wen	Thursday	3:00:00 PM	Salon C	MOS4
Chi	Robert	Thursday	10:00:00 AM	Salon D	MOS3
Chiang	Dalen	Thursday	1:00:00 PM	Salon A	IEB3
Chin	Danica	Wednesday	1:00:00 PM	Salon C	MBA2
Chin	Mao-Ken	Wednesday	3:00:00 PM	Salon A	IEB2
Choi	Min	Thursday	3:00:00 PM	Salon B	MBA4
Cooper	John	Thursday	3:00:00 PM	Salon A	ACC3
Cooper	Patty	Thursday	3:00:00 PM	Salon A	ACC3
Corona	Guillermo	Thursday	10:00:00 AM	Salon D	MOS3
Cromer	Kenneth	Wednesday	3:00:00 PM	Salon D	MBA3
Cromer	Kenneth	Thursday	10:00:00 AM	Salon B	MEO2
Cromer	Kenneth	Thursday	1:00:00 PM	Salon B	BES3
Curry	Jacquelin	Wednesday	8:00:00 AM	Salon B	MBA1
Deng	Honghui	Wednesday	8:00:00 AM	Salon G	MSQ1
Deng	Nancy	Friday	10:00:00 AM	Salon A	MBA5
Diaz	Violeta	Friday	10:00:00 AM	Salon C	FIN3
Estrada	Anthony	Wednesday	10:00:00 AM	Salon C	MKT1
Eveleth	Daniel	Wednesday	3:00:00 PM	Salon D	MBA3
Eveleth	Daniel	Thursday	1:00:00 PM	Salon C	MEO3
Fan	Chiao Hsuan	Thursday	10:00:00 AM	Salon B	MEO2
Farag	Magdy	Wednesday	1:00:00 PM	Salon A	ACC2
Fedyk	Anastassia	Wednesday	1:00:00 PM	Salon A	ACC2
Fedyk	Tatiana	Wednesday	1:00:00 PM	Salon A	ACC2
French	Aaron	Wednesday	1:00:00 PM	Salon C	MBA2
Frigo	Luciana	Friday	10:00:00 AM	Salon A	MBA5
Fu	Ting	Wednesday	10:00:00 AM	Salon D	MSQ2
Fu	Ting	Thursday	10:00:00 AM	Salon G	SUS4
Fu	Ting	Thursday	10:00:00 AM	Salon G	SUS4
Fu	Ting	Thursday	3:00:00 PM	Salon B	MBA4
Gabor	Michelle	Friday	10:00:00 AM	Salon C	FIN3
Gadde	Anuja	Wednesday	3:00:00 PM	Salon G	SUS2
Ghomi	Vahid	Wednesday	8:00:00 AM	Salon C	MOS1
Ghomi	Vahid	Wednesday	1:00:00 PM	Salon D	MOS2
Ghomi	Vahid	Thursday	3:00:00 PM	Salon C	MOS4
Ghosh	Subhadip	Wednesday	3:00:00 PM	Salon B	BES2
Ghosh	Subhadip	Thursday	1:00:00 PM	Salon C	MEO3
Giannantonio	Cristina	Friday	8:00:00 AM	Salon A	EDU3
Gill	Steven	Thursday	3:00:00 PM	Salon A	ACC3
Gilliard	Debora	Wednesday	10:00:00 AM	Salon C	MKT1
Gilliard	Debora	Thursday	8:00:00 AM	Salon B	MEO1
Gnanlet	Adelina	Thursday	3:00:00 PM	Salon B	MBA4
Gomaa	Mohamed	Wednesday	1:00:00 PM	Salon A	ACC2
Gonul Kochan	Cigdem	Wednesday	1:00:00 PM	Salon G	SUS1
Gonul Kochan	Cigdem	Friday	8:00:00 AM	Salon B	MIL3
Gray	Stephen	Friday	10:00:00 AM	Salon C	FIN3
Gu	Vicky	Wednesday	3:00:00 PM	Salon G	SUS2
Gudigantala	Naveen	Wednesday	8:00:00 AM	Salon B	MBA1
Gupta	Pia	Thursday	8:00:00 AM	Salon G	FIN1

Last Name	First Name				
Guzman	Indira	Wednesday	3:00:00 PM	Salon D	MBA3
Guzman	Indira	Thursday	10:00:00 AM	Salon B	MEO2
Guzman	Indira	Thursday	1:00:00 PM	Salon B	BES3
Guzman	Indira	Friday	10:00:00 AM	Salon A	MBA5
Hamidi	Maryam	Wednesday	8:00:00 AM	Salon C	MOS1
Harris	Maurice	Thursday	10:00:00 AM	Salon B	MEO2
Hartman	Corbin	Thursday	10:00:00 AM	Salon C	MIL2
Hartman	Paul	Thursday	8:00:00 AM	Salon C	MIL1
Hartman	Paul	Thursday	8:00:00 AM	Salon C	MIL1
Hassanzadeh	Behnaz Rauof	Thursday	10:00:00 AM	Salon G	SUS4
Hassanzadeh	Behnaz Rauof	Thursday	10:00:00 AM	Salon G	SUS4
Hassanzadeh	Behnaz Rauof	Thursday	3:00:00 PM	Salon B	MBA4
He	Dan	Thursday	8:00:00 AM	Salon G	FIN1
He	Yuanjie	Wednesday	5:00:00 PM	Salon G	SPS2
Herman	Bill	Wednesday	3:00:00 PM	Salon B	BES2
Herman	Bill	Wednesday	3:00:00 PM	Salon B	BES2
Hernandez	Lou	Friday	8:00:00 AM	Salon B	MIL3
Hoffman	David Lynn	Wednesday	10:00:00 AM	Salon C	MKT1
Hoffman	David Lynn	Thursday	8:00:00 AM	Salon B	MEO1
Hong	Jae-Dong	Wednesday	8:00:00 AM	Salon D	OLS1
Hsieh	Christie, Jo Hsien	Thursday	10:00:00 AM	Salon B	MEO2
Hu	Tao	Thursday	10:00:00 AM	Salon A	EDU2
Huang	Albert	Wednesday	3:00:00 PM	Salon A	IEB2
Huang	Chong	Wednesday	3:00:00 PM	Salon A	IEB2
Huang	Li-Hua	Wednesday	3:00:00 PM	Salon A	IEB2
Huang	Xuan	Wednesday	10:00:00 AM	Salon A	EDU1
Huang	Yu-Chieh	Thursday	10:00:00 AM	Salon G	SUS4
Hung	Shih-Chang	Thursday	10:00:00 AM	Salon B	MEO2
Hurley-Hanson	Amy	Friday	8:00:00 AM	Salon A	EDU3
Hutto	Alexandra	Wednesday	3:00:00 PM	Salon C	MKT2
Hwang	Drew	Friday	10:00:00 AM	Salon A	MBA5
Islam	Shahidul	Wednesday	3:00:00 PM	Salon B	BES2
Jacobs	Aimee	Wednesday	8:00:00 AM	Salon B	MBA1
Jafarinejad	Mohammad	Friday	10:00:00 AM	Salon C	FIN3
Jalili	Monire	Thursday	10:00:00 AM	Salon G	SUS4
Jeong	Kiyoung	Wednesday	8:00:00 AM	Salon D	OLS1
Jimenez	Elizabeth	Friday	10:00:00 AM	Salon A	MBA5
Jin	Qiyuan (Roger)	Thursday	1:00:00 PM	Salon D	PPA1
Johnson	Todd	Wednesday	3:00:00 PM	Salon D	MBA3
Jonik	Sarah	Thursday	10:00:00 AM	Salon C	MIL2
Jonik	Sarah	Thursday	10:00:00 AM	Salon C	MIL2
Joo	Seong-Jong	Thursday	8:00:00 AM	Salon C	MIL1
Joo	Seong-Jong	Thursday	8:00:00 AM	Salon C	MIL1
Joo	Seong-Jong	Thursday	10:00:00 AM	Salon C	MIL2
Jorayeva	Shirin	Thursday	1:00:00 PM	Salon D	PPA1
K C	Kamana	Thursday	3:00:00 PM	Salon B	MBA4
Kassaye	Wossen	Wednesday	3:00:00 PM	Salon C	MKT2
Khabushani	Amir Mahdu	Thursday	10:00:00 AM	Salon G	SUS4
Khabushani	Amir Mahdu	Thursday	10:00:00 AM	Salon G	SUS4
Khabushani	Amir Mahdu	Thursday	3:00:00 PM	Salon B	MBA4
Khimich	Natalya	Wednesday	1:00:00 PM	Salon A	ACC2

Last Name	First Name				
Kiang	Melody	Thursday	10:00:00 AM	Salon D	MOS3
Kim	Dan	Wednesday	1:00:00 PM	Salon C	MBA2
Ko	Ken	Wednesday	10:00:00 AM	Salon D	MSQ2
Kochan	Mucahit	Wednesday	1:00:00 PM	Salon G	SUS1
Koo	Tung-Ming	Thursday	8:00:00 AM	Salon D	SUS3
Koo	Tung-Ming	Thursday	10:00:00 AM	Salon G	SUS4
Koohikamali	Mehrdad	Wednesday	1:00:00 PM	Salon C	MBA2
Koohikamali	Mehrdad	Wednesday	1:00:00 PM	Salon C	MBA2
Krishnan	Sudha	Wednesday	8:00:00 AM	Salon A	ACC1
Ku	Cooper Cheng-Yuan	Wednesday	10:00:00 AM	Salon B	IEB1
Kumar	Shweta	Thursday	8:00:00 AM	Salon C	MIL1
Lai	Lei	Thursday	8:00:00 AM	Salon B	MEO1
Lai	Lei	Thursday	1:00:00 PM	Salon D	PPA1
Landa	Sabrina	Wednesday	8:00:00 AM	Salon A	ACC1
Lang	Thomas	Wednesday	1:00:00 PM	Salon D	MOS2
Lavine	Sheen	Wednesday	1:00:00 PM	Salon B	BES1
Le	Khac	Wednesday	8:00:00 AM	Salon C	MOS1
Le	Steven	Friday	8:00:00 AM	Salon C	FIN2
Lee	Angel	Wednesday	10:00:00 AM	Salon B	IEB1
Lee	Jung-Jae	Thursday	8:00:00 AM	Salon D	SUS3
Lee	Sarah	Thursday	8:00:00 AM	Salon D	SUS3
Lee	Vic	Wednesday	1:00:00 PM	Salon A	ACC2
Lee	Yi-Wen	Wednesday	1:00:00 PM	Salon B	BES1
Lee	Yu-Chin	Wednesday	1:00:00 PM	Salon C	MBA2
Lei	Ming	Wednesday	8:00:00 AM	Salon G	MSQ1
Li	Kunpeng	Wednesday	3:00:00 PM	Salon G	SUS2
Li	Kunpeng	Thursday	10:00:00 AM	Salon A	EDU2
Li	Yang	Wednesday	3:00:00 PM	Salon G	SUS2
Li	Yang	Thursday	3:00:00 PM	Salon B	MBA4
LIANG	YA-RONG	Thursday	10:00:00 AM	Salon B	MEO2
Lin	Bou-Wen	Thursday	10:00:00 AM	Salon B	MEO2
Lin	CHUN-NAN	Wednesday	1:00:00 PM	Salon C	MBA2
Lin	HueyYeh	Thursday	8:00:00 AM	Salon D	SUS3
Lin	HueyYeh	Thursday	10:00:00 AM	Salon G	SUS4
Lin	Ping	Wednesday	8:00:00 AM	Salon A	ACC1
Lin	Ping	Wednesday	10:00:00 AM	Salon A	EDU1
Lin	You-Hung	Thursday	10:00:00 AM	Salon B	MEO2
Liu	Xiaotong	Wednesday	1:00:00 PM	Salon G	SUS1
Lo	Chia-Lun	Wednesday	8:00:00 AM	Salon B	MBA1
Lo	Chia-Lun	Wednesday	8:00:00 AM	Salon B	MBA1
Lu	Nancy	Wednesday	8:00:00 AM	Salon C	MOS1
Lu	Tim	Thursday	8:00:00 AM	Salon A	HOS1
Ma	Xiaoguang	Wednesday	1:00:00 PM	Salon G	SUS1
Ma	Yulong	Thursday	8:00:00 AM	Salon G	FIN1
Macaulay	Craig	Wednesday	1:00:00 PM	Salon B	BES1
Maciel	Cristiano	Friday	10:00:00 AM	Salon A	MBA5
Mallinson	Daniel	Thursday	3:00:00 PM	Salon D	PPA2
Martinez	Jose	Friday	10:00:00 AM	Salon B	PPA3
McMillan	Jeffrey	Wednesday	8:00:00 AM	Salon A	ACC1
Mehta	Richa Rajesh	Thursday	10:00:00 AM	Salon D	MOS3
Mejia	Roed	Thursday	8:00:00 AM	Salon C	MIL1

Last Name	First Name				
Miles	Jeffrey	Thursday	8:00:00 AM	Salon G	FIN1
Mireles	Estevan	Wednesday	10:00:00 AM	Salon C	MKT1
Mirzaei	Shokoufeh	Wednesday	8:00:00 AM	Salon D	OLS1
Modarress	Batoul	Thursday	1:00:00 PM	Salon B	BES3
Monteiro	Heather	Wednesday	8:00:00 AM	Salon D	OLS1
Moshirvaziri	Khosrow	Thursday	10:00:00 AM	Salon D	MOS3
Mun	Kwon Gi	Wednesday	1:00:00 PM	Salon G	SUS1
Mundel	Juan	Wednesday	3:00:00 PM	Salon C	MKT2
Munsen	Catherine	Friday	10:00:00 AM	Salon B	PPA3
Murthy	Nagesh	Wednesday	10:00:00 AM	Salon G	OLS2
Mutlu	Canan	Wednesday	1:00:00 PM	Salon B	BES1
Mwangola	Willis	Wednesday	8:00:00 AM	Salon D	OLS1
Nagaraja	Haikady	Wednesday	10:00:00 AM	Salon G	OLS2
Nakamura	Tyler	Wednesday	1:00:00 PM	Salon D	MOS2
Namin	Aidin	Wednesday	10:00:00 AM	Salon D	MSQ2
Neuert	Josef	Wednesday	1:00:00 PM	Salon B	BES1
Nezami	Farnaz Ghazi	Thursday	3:00:00 PM	Salon C	MOS4
Ngo	Thanh	Friday	10:00:00 AM	Salon C	FIN3
Nguyen	Giang	Wednesday	1:00:00 PM	Salon C	MBA2
Nguyen	Hieu	Wednesday	3:00:00 PM	Salon C	MKT2
Nielsen	Thomas	Friday	8:00:00 AM	Salon B	MIL3
Noga-Styron	Krystal	Wednesday	10:00:00 AM	Salon A	EDU1
Noga-Styron	Krystal	Friday	10:00:00 AM	Salon B	PPA3
Norman	Aleksander	Thursday	10:00:00 AM	Salon A	EDU2
Norman	Benjamin	Thursday	10:00:00 AM	Salon A	EDU2
Norman	Thomas	Thursday	10:00:00 AM	Salon A	EDU2
Norman	Thomas	Thursday	1:00:00 PM	Salon C	MEO3
Norman	Thomas	Friday	8:00:00 AM	Salon A	EDU3
Noteboom	Cherie	Wednesday	10:00:00 AM	Salon A	EDU1
Oestreich	Nathan	Wednesday	3:00:00 PM	Salon C	MKT2
Oestreich	Nathan	Thursday	3:00:00 PM	Salon A	ACC3
Ogburn	Rob	Thursday	1:00:00 PM	Salon B	BES3
Olschwang	Alana	Friday	10:00:00 AM	Salon A	MBA5
Ouyang	Wenjing	Wednesday	3:00:00 PM	Salon A	IEB2
Ouyang	Wenjing	Thursday	8:00:00 AM	Salon G	FIN1
Ozbek	O. Volkan	Wednesday	1:00:00 PM	Salon B	BES1
Packard	Mark	Thursday	8:00:00 AM	Salon B	MEO1
Paliszkiewicz	Joanna	Wednesday	10:00:00 AM	Salon B	IEB1
Palladini	Marie	Friday	10:00:00 AM	Salon B	PPA3
Pangburn	Michael	Thursday	10:00:00 AM	Salon G	SUS4
Parnami	Kunal	Thursday	1:00:00 PM	Salon D	PPA1
Parsa	Payam	Wednesday	8:00:00 AM	Salon D	OLS1
Pekdemir	Recep	Thursday	3:00:00 PM	Salon A	ACC3
Peng	Mike W.	Wednesday	1:00:00 PM	Salon B	BES1
Perez	Gabriela	Wednesday	1:00:00 PM	Salon C	MBA2
Phan	Jonathan	Wednesday	3:00:00 PM	Salon B	BES2
Phengpis	Chanwit	Friday	8:00:00 AM	Salon C	FIN2
Pierre-Francois	Wladimir	Thursday	1:00:00 PM	Salon B	BES3
Podder	Mohua	Wednesday	3:00:00 PM	Salon B	BES2
Prager	Fynnwin	Friday	10:00:00 AM	Salon B	PPA3
Prater	Becky	Thursday	8:00:00 AM	Salon B	MEO1

Last Name	First Name				
Preiser-Houy	Larisa	Friday	8:00:00 AM	Salon A	EDU3
Preiser-Houy	Larisa	Friday	10:00:00 AM	Salon A	MBA5
Premti	Arjan	Friday	10:00:00 AM	Salon C	FIN3
Prombutr	Wikrom	Friday	8:00:00 AM	Salon C	FIN2
Provaznik	William	Thursday	1:00:00 PM	Salon B	BES3
Prybutok	Gayle	Wednesday	10:00:00 AM	Salon B	IEB1
Prybutok	Victor	Wednesday	10:00:00 AM	Salon B	IEB1
Raafat	Feraidoon	Wednesday	3:00:00 PM	Salon C	MKT2
Rafique	Raza	Wednesday	1:00:00 PM	Salon G	SUS1
Rawls	Krystal	Thursday	1:00:00 PM	Salon D	PPA1
Rawls	Krystal	Friday	10:00:00 AM	Salon A	MBA5
Rice	Tracey	Wednesday	3:00:00 PM	Salon D	MBA3
Rigsby	Tyler	Friday	8:00:00 AM	Salon B	MIL3
Rigsby	Tyler	Friday	8:00:00 AM	Salon B	MIL3
Rikhtehgar Berenji	Hossein	Wednesday	10:00:00 AM	Salon G	OLS2
Rivas	Rachel	Wednesday	10:00:00 AM	Salon A	EDU1
Roan	Jinsheng	Wednesday	1:00:00 PM	Salon C	MBA2
Roberts	Matthew	Thursday	10:00:00 AM	Salon C	MIL2
Rodriguez	Nadia	Friday	10:00:00 AM	Salon A	MBA5
Rogers	Lauren	Thursday	8:00:00 AM	Salon C	MIL1
Rogovoy	Kirill	Wednesday	8:00:00 AM	Salon C	MOS1
Saboori-Deilami	Vafa	Thursday	8:00:00 AM	Salon D	SUS3
Saeideh	Fallah Fini	Thursday	10:00:00 AM	Salon D	MOS3
Sage	Judith	Wednesday	8:00:00 AM	Salon A	ACC1
Sage	Lloyd	Wednesday	8:00:00 AM	Salon A	ACC1
Salehan	Mohammad	Wednesday	1:00:00 PM	Salon C	MBA2
Salgado	Luciana	Friday	10:00:00 AM	Salon A	MBA5
sami	MOHAMED	Wednesday	1:00:00 PM	Salon A	ACC2
Santhiveeran	Janaki	Wednesday	1:00:00 PM	Salon D	MOS2
Sathianathan	Dhushy	Wednesday	1:00:00 PM	Salon D	MOS2
Sciglimpaglia	Don	Wednesday	3:00:00 PM	Salon C	MKT2
Sedaghat	Atefe	Wednesday	8:00:00 AM	Salon C	MOS1
Segrest	Sharon	Friday	8:00:00 AM	Salon A	EDU3
Sen	P.K.	Thursday	3:00:00 PM	Salon A	ACC3
Shafae	Matthew	Thursday	1:00:00 PM	Salon G	SPS1
Shafi	Saahir	Thursday	3:00:00 PM	Salon D	PPA2
Shan	Gene	Wednesday	8:00:00 AM	Salon D	OLS1
Shan	Gene	Wednesday	3:00:00 PM	Salon G	SUS2
Sharifiilierdy	Seyedbamdad	Wednesday	8:00:00 AM	Salon C	MOS1
Sharifiilierdy	Seyedbamdad	Thursday	10:00:00 AM	Salon D	MOS3
Sharifiilierdy	Seyedbamdad	Thursday	3:00:00 PM	Salon C	MOS4
shim	sangoh	Thursday	3:00:00 PM	Salon C	MOS4
Shokoohyar	Sina	Wednesday	8:00:00 AM	Salon C	MOS1
Shokoohyar	Sina	Wednesday	1:00:00 PM	Salon D	MOS2
Shokoohyar	Sina	Thursday	10:00:00 AM	Salon G	SUS4
Shokoohyar	Sina	Thursday	10:00:00 AM	Salon G	SUS4
Shokoohyar	Sina	Thursday	3:00:00 PM	Salon C	MOS4
Shurtz	Nancy	Wednesday	10:00:00 AM	Salon A	EDU1
Sinha	Praveen	Thursday	3:00:00 PM	Salon A	ACC3
Sirisomboonsuk	Pinyarat	Wednesday	3:00:00 PM	Salon G	SUS2
Smith	Sheldon	Thursday	3:00:00 PM	Salon A	ACC3

Last Name	First Name				
Sobhani	Ahmad	Thursday	10:00:00 AM	Salon G	SUS4
Sobhani	Ahmad	Thursday	10:00:00 AM	Salon G	SUS4
Sobhani	Anae	Wednesday	10:00:00 AM	Salon D	MSQ2
Sobhani	Anae	Thursday	10:00:00 AM	Salon G	SUS4
Sobhani	Anae	Thursday	10:00:00 AM	Salon G	SUS4
Sobhani	Anae	Thursday	3:00:00 PM	Salon B	MBA4
Sobhani	Anae	Thursday	3:00:00 PM	Salon C	MOS4
Soltwisch	Brandon	Thursday	10:00:00 AM	Salon B	MEO2
Stone	Robert	Wednesday	3:00:00 PM	Salon D	MBA3
Stone	Robert	Thursday	1:00:00 PM	Salon C	MEO3
Su	Hsiang-Ting	Wednesday	1:00:00 PM	Salon B	BES1
Sun	libo	Friday	10:00:00 AM	Salon C	FIN3
Sun	Rui	Thursday	1:00:00 PM	Salon D	PPA1
Sun	Rui	Thursday	3:00:00 PM	Salon D	PPA2
Sun	Yang	Thursday	3:00:00 PM	Salon B	MBA4
Sutton	Cindy	Thursday	8:00:00 AM	Salon B	MEO1
Szewczyk	Samuel	Thursday	8:00:00 AM	Salon G	FIN1
Szidarovszky	Ferenc	Wednesday	8:00:00 AM	Salon C	MOS1
Tang	Robin	Thursday	10:00:00 AM	Salon B	MEO2
Tang	Wenxiu	Friday	8:00:00 AM	Salon C	FIN2
Tao	Jinguo	Thursday	10:00:00 AM	Salon D	MOS3
Tao	Lei	Thursday	1:00:00 PM	Salon D	PPA1
Tao	Zhi	Wednesday	8:00:00 AM	Salon D	OLS1
Tapia	Patricia Cabero	Friday	10:00:00 AM	Salon A	MBA5
Tran	Patrick	Wednesday	8:00:00 AM	Salon C	MOS1
Tran	Thao	Wednesday	1:00:00 PM	Salon C	MBA2
Trejo	Jacquelyn	Friday	8:00:00 AM	Salon A	EDU3
Underwood	Daniel	Wednesday	8:00:00 AM	Salon C	MOS1
Vasudeva	Radhika	Wednesday	10:00:00 AM	Salon C	MKT1
Vazirinasab	Aminreza	Thursday	10:00:00 AM	Salon G	SUS4
Vemprala	Naga	Wednesday	8:00:00 AM	Salon B	MBA1
Vendittelli	Tom	Friday	8:00:00 AM	Salon B	MIL3
Venkatraman	Santosh	Thursday	1:00:00 PM	Salon A	IEB3
Vodanovich	Cinthya	Thursday	1:00:00 PM	Salon C	MEO3
Wang	Honggang	Wednesday	8:00:00 AM	Salon G	MSQ1
Wang	Janey	Thursday	3:00:00 PM	Salon D	PPA2
Wang	Shao-Ci	Wednesday	10:00:00 AM	Salon B	IEB1
Wang	Shu-Chen	Wednesday	1:00:00 PM	Salon B	BES1
Wang	Yeh-Kuei	Wednesday	3:00:00 PM	Salon A	IEB2
Washburn	Mark	Wednesday	10:00:00 AM	Salon A	EDU1
Wen	Bo	Thursday	1:00:00 PM	Salon D	PPA1
Wen	Na	Thursday	10:00:00 AM	Salon A	EDU2
Wu	Di	Wednesday	10:00:00 AM	Salon C	MKT1
Wu	Yanwei	Wednesday	1:00:00 PM	Salon G	SUS1
Xie	Heng	Wednesday	10:00:00 AM	Salon B	IEB1
Xu	Wenxiang	Wednesday	10:00:00 AM	Salon D	MSQ2
Xu	Wenxiang	Thursday	10:00:00 AM	Salon G	SUS4
Xu	Wenxiang	Thursday	10:00:00 AM	Salon G	SUS4
Xu	Wenxiang	Thursday	3:00:00 PM	Salon B	MBA4
Xu	XIAOHUI	Wednesday	1:00:00 PM	Salon G	SUS1
Xu	Zhenning	Wednesday	10:00:00 AM	Salon C	MKT1

Last Name	First Name			
Xu	Zhenning	Wednesday 10:00:00 AM	Salon C	MKT1
Yang	Fang	Wednesday 1:00:00 PM	Salon G	SUS1
Yang	Tsung-Lung	Wednesday 8:00:00 AM	Salon B	MBA1
Yang	Yeongling	Wednesday 3:00:00 PM	Salon G	SUS2
Yang	Zheng	Thursday 3:00:00 PM	Salon D	PPA2
Yao	Kelley	Wednesday 1:00:00 PM	Salon C	MBA2
Yazdani	Alireza	Thursday 10:00:00 AM	Salon G	SUS4
Yeh	Chih-Chun	Wednesday 10:00:00 AM	Salon B	IEB1
Yu	Jimmy	Wednesday 1:00:00 PM	Salon C	MBA2
Yu	Shasha	Wednesday 8:00:00 AM	Salon G	MSQ1
Yur-Austin	Jasmine	Wednesday 8:00:00 AM	Salon A	ACC1
Yur-Austin	Jasmine	Wednesday 10:00:00 AM	Salon A	EDU1
Yur-Austin	Jasmine	Thursday 8:00:00 AM	Salon G	FIN1
Zencak	Janie	Thursday 1:00:00 PM	Salon B	BES3
Zhang	Bo	Wednesday 3:00:00 PM	Salon B	BES2
Zhang	Sonya	Wednesday 8:00:00 AM	Salon B	MBA1
Zhang	Xiaotian	Thursday 8:00:00 AM	Salon D	SUS3
Zhang	Xihui	Thursday 10:00:00 AM	Salon A	EDU2
Zhang	Yue	Thursday 3:00:00 PM	Salon D	PPA2
Zhao	Daniel	Thursday 1:00:00 PM	Salon D	PPA1
Zhao	Ran	Thursday 8:00:00 AM	Salon G	FIN1
Zheng	Will	Wednesday 3:00:00 PM	Salon D	MBA3
Zhou	Steve	Wednesday 3:00:00 PM	Salon G	SUS2
Zhou	Zhong-guo	Friday 8:00:00 AM	Salon C	FIN2
Zhu	Lu	Thursday 8:00:00 AM	Salon G	FIN1
Zhu	Wenge	Thursday 8:00:00 AM	Salon D	SUS3

Session Chair Schedule (by Last Name)

Session Chair Name				
Mahyar Amouzegar	Thursday	1:00 PM	SPS1	Salon G
Al Ansari	Thursday	1:00 PM	BES3	Salon B
Sally Baalbaki-Yassine	Wednesday	10:00 AM	MKT1	Salon C
Theodore Byrne	Friday	10:00 AM	PPA3	Salon B
Jessica Carter	Thursday	10:00 AM	MEO2	Salon B
Liang Chen	Wednesday	10:00 AM	OLS2	Salon G
Dalen Chiang	Thursday	1:00 PM	IEB3	Salon A
Magdy Farag	Wednesday	1:00 PM	ACC2	Salon A
Debora Gilliard	Thursday	8:00 AM	MEO1	Salon B
Cigdem Gonul Kochan	Wednesday	1:00 PM	SUS1	Salon G
Indira Guzman	Friday	10:00 AM	MBA5	Salon A
Paul Hartman	Thursday	8:00 AM	MIL1	Salon C
Yuanjie He	Wednesday	5:00 PM	SPS2	Salon G
Bill Herman	Wednesday	3:00 PM	BES2	Salon B
Albert Huang	Wednesday	3:00 PM	IEB2	Salon A
Wossen Kassaye	Wednesday	3:00 PM	MKT2	Salon C
Sabrina Landa	Wednesday	8:00 AM	ACC1	Salon A
Thomas Lang	Wednesday	1:00 PM	MOS2	Salon D
Kunpeng Li	Thursday	10:00 AM	EDU2	Salon A
Jennifer Miele	Thursday	8:00 AM	FIN1	Salon G
Jennifer Miele	Friday	8:00 AM	FIN2	Salon C
Jennifer Miele	Friday	10:00 AM	FIN3	Salon C
Aidin Namin	Wednesday	10:00 AM	MSQ2	Salon D
Thomas Norman	Thursday	1:00 PM	MEO3	Salon C
O. Volkan Ozbek	Wednesday	1:00 PM	BES1	Salon B
Larisa Preiser-Houy	Friday	8:00 AM	EDU3	Salon A
Adam Reiman	Wednesday	8:00 AM	MSQ1	Salon G
Fallah Fini Saeideh	Thursday	10:00 AM	MOS3	Salon D
Mohammad Salehan	Wednesday	1:00 PM	MBA2	Salon C
Don Sciglimpaglia	Thursday	3:00 PM	ACC3	Salon A
Sina Shokoohyar	Wednesday	8:00 AM	MOS1	Salon C
Nancy Shurtz	Wednesday	10:00 AM	EDU1	Salon A
Anae Sobhani	Thursday	3:00 PM	MOS4	Salon C
Rui Sun	Thursday	1:00 PM	PPA1	Salon D
Rui Sun	Thursday	3:00 PM	PPA2	Salon D
Yang Sun	Thursday	3:00 PM	MBA4	Salon B
Zhi Tao	Wednesday	8:00 AM	OLS1	Salon D
Jeff Weir	Thursday	10:00 AM	MIL2	Salon C
Jeff Weir	Friday	8:00 AM	MIL3	Salon B
Heng Xie	Wednesday	10:00 AM	IEB1	Salon B
Yeongling Yang	Wednesday	3:00 PM	SUS2	Salon G
Alireza Yazdani	Thursday	10:00 AM	SUS4	Salon G
Sonya Zhang	Wednesday	8:00 AM	MBA1	Salon B
Meng Zhao	Thursday	8:00 AM	HOS1	Salon A
Will Zheng	Wednesday	3:00 PM	MBA3	Salon D
Wenge Zhu	Thursday	8:00 AM	SUS3	Salon D

Wednesday, April 5, 2023

Wednesday, April 5, 2023 8:00 AM - 9:40 AM

ACC1 Accounting I: Accounting Education & History **Wednesday 8:00 AM Salon A**

Chair: Sabrina Landa California State University, Long Beach

THE EFFECT OF TEAM-BASED ACTIVE LEARNING AND EMBEDDED TUTORS IN THE FIRST COURSE IN ACCOUNTING (PAPER ID: 52)

Ping Lin	California State University, Long Beach
Sudha Krishnan	California State University, Long Beach
Sabrina Landa	California State University, Long Beach
Jasmine Yur-Austin	California State University, Long Beach

USING PROBLEM-BASED LEARNING (PBL) CONTINUUM TO TEACH SOFT SKILLS IN THE GOVERNMENTAL ACCOUNTING COURSE (PAPER ID: 116)

Judith Sage	Sage & Sage
Lloyd Sage	Sage & Sage

AN EXAMINATION OF THE ASSOCIATION OF GRIT WITH PERFORMANCE ENROLLED IN IN-PERSON VERSUS ONLINE CLASSES OF A FUNDAMENTALS OF FINANCIAL ACCOUNTING COURSE (PAPER ID: 170)

Jeffrey McMillan	Clemson

MBA1 Artificial Intelligence and Machine Learning **Wednesday 8:00 AM Salon B**

Chair: Sonya Zhang California State Polytechnic University Pomona

PRICING AIRBNB USING MACHINE LEARNING - LITERATURE REVIEW AND A THEORETICAL MODEL (PAPER ID: 36)

Sonya Zhang	California State Polytechnic University Pomona

THE ATTITUDES TOWARD ARTIFICIAL INTELLIGENT APPLICATIONS: AN INVESTIGATION BASED ON INNOVATION RESISTANCE THEORY (PAPER ID: 136)

Chia-Lun Lo	Fooyin University

COMBINING MACHINE LEARNING AND MILLIMETER WAVE TECHNOLOGY DEVICES TO BUILD AN ARTIFICIAL INTELLIGENCE WARNING SYSTEM FOR TARGETED TEMPERATURE MANAGEMENT PATIENTS (PAPER ID: 152)

Chia-Lun Lo	Fooyin University
Tsung-Lung Yang	Kaohsiung Veterans General Hospital

THE IMPORTANCE OF DISTRIBUTED JUDGMENT IN BUILDING PREDICTIVE MACHINE-LEARNING MODELS (PAPER ID: 164)

Naveen Gudigantala	University of Portland
Naga Vemprala	University of Portland

COMPARISON OF MARKET VALUE PREDICTION MODELS: MULTIPLE LINEAR REGRESSION, DECISION TREE, AND NEURAL NETWORKS (PAPER ID: 182)

Aimee Jacobs	California State University, Fresno
Jacquelin Curry	California State University, Fresno

MOS1 Modeling and Simulation I **Wednesday 8:00 AM Salon C**

Chair: Sina Shokoohyar — Seton Hall University

EXPLORING THE CONSISTENCY OF BICYCLIST COUNT BETWEEN TYPICAL PERMANENT COUNTER DATA AND EMERGING CROWDSOURCING DATA (PAPER ID: 101)

Seyedbamdad Sharifiilierdy	California State Polytechnic University Pomona
Wen Cheng	California State Polytechnic University Pomona

COMPARING CORRELATION BETWEEN IMAGE RESOLUTION AND MASK R-CNN MODEL TRAINING TO PREDICT ROAD STRESS INSTANCES (PAPER ID: 139)

Kirill Rogovoy	California State Poly Tech Pomona
Khac Le	California State Polytechnic University Pomona
Patrick Tran	California Polytechnic State University Pomona
Daniel Underwood	California Polytechnic State University Pomona
Nancy Lu	California Polytechnic State University Pomona
Wen Cheng	California State Polytechnic University Pomona

PREVENTIVE REPLACEMENT WITH RANDOM PRODUCTION RATE (PAPER ID: 84)

Maryam Hamidi	Lamar University
Ferenc Szidarovszky	Corvinus University of Budapest
Atefe Sedaghat	Lamar University

COORDINATION IMPROVEMENT IN A TWO-PERIOD PROJECT UTILIZING A NOISE PROOF EQUILIBRIUM SELECTION (PAPER ID: 19)

Sina Shokoohyar	Seton Hall University
Vahid Ghomi	Penn State Mont Alto

OLS1 Supply Chain Networks, Infrastucture & Sustainability **Wednesday 8:00 AM Salon D**

Chair: Zhi Tao — University of Alaska Anchorage

A DESIGN OF EMERGENCY LOGISTICS NETWORK WITH A SOCIAL VULNERABILITY INDEX (PAPER ID: 17)

Kiyoung Jeong	University of Houston Clear Lake
Jae-Dong Hong	South Carolina State University
Gene Shan	University of Houston Clear Lake

FIRST IN FIRST EXPIRED OUT: AN AGENCY THEORY EXAMINATION OF LAST MILE GROCERY DELIVERY (PAPER ID: 43)

Willis Mwangola	University of Central Oklahoma
Heather Monteiro	President of Research and Data Science

THE CARBON EMISSION CONSCIOUS MANUFACTURER (PAPER ID: 64)

Zhi Tao	University of Alaska Anchorage

A GAP ANALYSIS FOR INFRASTRUCTURE REQUIREMENTS OF THE TRANSITION TO ZERO-EMISSION VEHICLES IN THE STATE OF CALIFORNIA (PAPER ID: 207)

Payam Parsa	California State Polytechnic University Pomona
Shokoufeh Mirzaei	California State Polytechnic University Pomona

MSQ1 DEA and Optimization **Wednesday 8:00 AM Salon G**

Chair: Adam Reiman — Air Force Institute of Technology

USING NON-ORIENTED EQUILIBRIUM EFFICIENT FRONTIER DEA APPROACH TO EVALUATE FIXED-SUM-OUTPUTS DMUS (PAPER ID: 145)

Honghui Deng	University of Nevada Las Vegas
Shasha Yu	China University of Petroleum
Ming Lei	Peking University

ZIGZAG MANIFOLD SEARCH FOR MULTI-OBJECTIVE OPTIMIZATION (PAPER ID: 20)

Honggang Wang — California Polytechnic State University Pomona

Wednesday, April 5, 2023 10:00 AM - 11:40 AM

EDU1 Impacts of COVID on Instruction and Assessment — Wednesday 10:00 AM Salon A

Chair: Nancy Shurtz — University of Oregon School of Law

EXPOLORING STUDENT ENGAGEMENT VIA GAMIFICATION AND LEADERBOARD DESIGN (PAPER ID: 33)

Brian Bovee — California Baptist University, Riverside
Cherie Noteboom — Dakota State University

ANALYZING THE EFFECTS OF COVID-19 ONLINE INSTRUCTION ON INSTRUCTOR EFFECTIVENESS AND LEARNING OUTCOMES (PAPER ID: 73)

Rachel Rivas — California State University, Long Beach
Mark Washburn — California State University, Long Beach

THE IMPACT OF ONLINE TESTING MODE ON BUSINESS ASSESSMENT TEST PERFORMANCE BEFORE AND DURING COVID (PAPER ID: 188)

Xuan Huang — California State University, Long Beach
Ping Lin — California State University, Long Beach
Jasmine Yur-Austin — California State University, Long Beach

COVID AND EARLY CHILD EDUCATION: CASE STUDIES OF INNOVATIVE PRE-SCHOOL APPROACHES DURING THE PANDEMIC WITH SUGGESTED TAX SUBSIDIES (PAPER ID: 127)

Nancy Shurtz — University of Oregon School of Law
Krystal Noga-Styron — Central Washington University

IEB1 Emerging Applications and Technologies in E-Business — Wednesday 10:00 AM Salon B

Chair: Heng Xie — California State University, Sacramento

THE USE OF LATENT SEMANTIC ANALYSIS FOR UNDERSTANDING ONLINE HEALTH INFORMATION-SEEKING BEHAVIOR (PAPER ID: 55)

Heng Xie — California State University, Sacramento
Gayle Prybutok — University of North Texas
Victor Prybutok — University of North Texas

HYBRID PHISHING EMAIL DETECTOR BASED ON EMAIL FEATURES AND CONTENTS (PAPER ID: 204)

Chih-Chun Yeh — National Taiwan University
Yong-Xuan Chen — National Yang Ming Chiao Tung University
Angel Lee — Carnegie Mellon University
Shao-Ci Wang — National Yang Ming Chiao Tung University
Cooper Cheng-Yuan Ku — National Yang Ming Chiao Tung University

SWIFT TRUST WITH TECHNOLOGY: IS IT POSSIBLE? (PAPER ID: 214)

Kuanchin Chen — Western Michigan University
Joanna Paliszkiewicz — Warsaw University of Life Sciences

MKT1 Social Media Platforms **Wednesday 10:00 AM Salon C**

Chair: Sally Baalbaki-Yassine MSU Denver

ANALYZING SENTIMENTS ON AVOCADO USING TEXT MINING (PAPER ID: 196)

Zhenning Xu	California State University Bakersfield
Di Wu	California State University Bakersfield

AN EVALUATION OF PEACOCK AND OTHER ONLINE STREAMING SERVICES USING TEXT DATA FROM SOCIAL (PAPER ID: 191)

Anthony Estrada	California state University bakersfield
Estevan Mireles	California State University Bakersfield
Radhika Vasudeva	CSU Bakersfield
Gerardo Bobadilla	California State University Bakersfield
Zhenning Xu	California State University Bakersfield

INSTAGRAM (PAPER ID: 75)

Sally Baalbaki-Yassine	MSU Denver
David Lynn Hoffman	MSU Denver
Debora Gilliard	MSU Denver

MSQ2 Quantitiative Models **Wednesday 10:00 AM Salon D**

Chair: Aidin Namin Loyola Marymount University

A NEW METHOD FOR THE RIDESHARING SERVICE ANALYSIS BASED ON GRAPH CONSTRUCTION — THE USA CASE STUDY ACROSS DIFFERENT AGE AND GENDER GROUPS PRE- AND POST-COVID-19 PANDEMIC (PAPER ID: 83)

Wenxiang Xu	Tongji university
Anae Sobhani	Hartford University
Ting Fu	Tongji university

QUARTERBACK WIN RATING: A SUPERIOR METHODOLOGY FOR EVALUATING QUARTERBACKS (PAPER ID: 65)

Ken Ko	Pepperdine University

MODELING THE ONLINE GLOBAL FUNDRAISING MARKET: A COMPARATIVE STUDY OF UNITED STATES VS. UNITED KINGDOM (PAPER ID: 4)

Aidin Namin	Loyola Marymount University

OLS2 Quantifying Supply Chains: Knowledge, Risk, Inventory, & Projects **Wednesday 10:00 AM Salon G**

Chair: Liang Chen West Texas A&M University

MEASURING KNOWLEDGE MANAGEMENT IN SUPPLY CHAINS: A REVIEW AND PROPOSAL (PAPER ID: 86)

Liang Chen	West Texas A&M University

MANAGING CONCURRENCY IN CYCLICAL PROJECTS UNDER STOCHASTIC TASK ENVIRONMENTS: VACCINE DEVELOPMENT PROJECTS DURING PANDEMICS (PAPER ID: 177)

Nagesh Murthy	Lundquist College of Business, University of Oregon
Haikady Nagaraja	College of Public Health, The Ohio State University
Hossein Rikhtehgar Berenji	College of Business, Pacific University

AN ALGEBRAIC METHOD FOR THE EOQ MODEL WITH BACKORDERING (PAPER ID: 193)

Cenk Caliskan	Utah Valley University

Wednesday, April 5, 2023 1:00 PM - 2:40 PM

ACC2 Accounting II: Audit & Forensic — Wednesday 1:00 PM Salon A

Chair: Magdy Farag — California State Polytechnic University Pomona

DO CONSULTING SERVICES AFFECT AUDIT QUALITY? EVIDENCE FROM THE WORKFORCE (PAPER ID: 28)

Tatiana Fedyk	University of San Francisco
Anastassia Fedyk	UC at Berkeley
Natalya Khimich	AI for Good Foundation

THE IMPACT OF AUDIT REPORTS' CRITICAL AUDIT MATTERS REQUIREMENT ON AUDIT REPORT LAGS AND AUDIT FEES (PAPER ID: 124)

Vic Lee	California State Polytechnic University Pomona
MOHAMED sami	Alexandria University
Mohamed Gomaa	California State Polytechnic University Pomona
Magdy Farag	California State Polytechnic University Pomona

LESSONS LEARNED FROM FAILED DIGITAL FORENSIC INVESTIGATIONS (PAPER ID: 210)

Salem L Boumediene	University of Illinois Springfield
Salma Boumediene	Naval Postgraduate School

BES1 Competitive Dynamics — Wednesday 1:00 PM Salon B

Chair: O. Volkan Ozbek — Trinity University

COMPETITIVE AWARENESS OF CHINESE AND DEVELOPED ECONOMY MULTINATIONALS (PAPER ID: 205)

Canan Mutlu	Kennesaw State University
Mike W. Peng	The University of Texas at Dallas
Craig Macaulay	California State University, Long Beach
Sheen Lavine	The University of Texas at Dallas

CAN LESS BECOME MORE? STATIC AND DYNAMIC RATIONALITY CONCEPTS IN ECONOMIC TRANSACTIONS: FINDINGS FROM AN EXPERIMENTAL STUDY (PAPER ID: 203)

Josef Neuert	SMBS-University of Salzburg Business School

CEO COMPENSATION STRUCTURE AND MARKET VALUE OF CORPORATE SPIN-OFFS: EXAMINING THE MODERATING EFFECT OF CEO DUALITY (PAPER ID: 13)

O. Volkan Ozbek	Trinity University

A STUDY OF THE GREEN CATERING MANAGEMENT STRATEGY AND CORPORATE SOCIAL RESPONSIBILITY IN TAIWAN (PAPER ID: 153)

Hsiang-Ting Su	National Kaohsiung University of Science and Technology
Shu-Chen Wang	CEO of Green Vegetable Catering
Yi-Wen Lee	Chung Shan Medical University

MBA2 Social Media Analytics — Wednesday 1:00 PM Salon C

Chair: Mohammad Salehan — California State Polytechnic University Pomona

AN APPLICATION OF DATA MINING TECHNIQUE ON SOCIAL MEDIA ADVERTISING: A FIELD STUDY (PAPER ID: 58)

Yu-Chin Lee	Shu-Te University
Jinsheng Roan	National Chung Cheng University
CHUN-NAN LIN	National Taitung University

HOW DO USERS ENGAGE ON A PRIVACY-BASED SOCIAL NETWORKING APP? (PAPER ID: 147)

Mehrdad Koohikamali	Cal Poly Pomona
Dan Kim	University of North Texas
Aaron French	Kennesaw State University

DO PEOPLE REACT TO SENTIMENT DIFFERENTLY OVER TIME? (PAPER ID: 165)

Mohammad Salehan	California State Polytechnic University Pomona
Giang Nguyen	California State Polytechnic University Pomona

DETECTING FAKE NEWS: HOW DO GOVERNMENTS FOOL US? (PAPER ID: 167)

Mehrdad Koohikamali	Cal Poly Pomona
Danica Chin	Cal Poly Pomona
Gabriela Perez	Cal Poly Pomona
Thao Tran	Cal Poly Pomona
Kelley Yao	Cal Poly Pomona
Jimmy Yu	Cal Poly Pomona

MOS2 Modeling and Simulation II — Wednesday 1:00 PM Salon D

Chair: Thomas Lang — LMI

A SEAMLESS ALTERNATIVE METHOD TO SIMULATE AN UNKNOWN DISTRIBUTION MULTIVARIATE DATASET (PAPER ID: 85)

Vahid Ghomi	Penn State Mont Alto
Sina Shokoohyar	Seton Hall University

FIGHTING COLLEGE ATTRITION THROUGH TIMELY INTERVENTIONS AND MACHINE LEARNING (PAPER ID: 132)

Juan Apitz	CSU Long Beach
Janaki Santhiveeran	CSU Long Beach
Tyler Nakamura	CSU Long Beach
Mahmoud Albawaneh	CSU Long Beach
Dhushy Sathianathan	CSU Long Beach

MANAGING SUPPLY CHAINS UNDER IMMINENT DELAYS (PAPER ID: 151)

Omer Benli	California State University, Long Beach

INTEGRATED PERFORMANCE ASSESSMENT (I-PASS) ANALYSIS APPROACH TO IMPROVING GOVERNMENT SUPPLY CHAINS (PAPER ID: 5)

Thomas Lang	LMI

SUS1 Supply Chain Resilience — Wednesday 1:00 PM Salon G

Chair: Cigdem Gonul Kochan — Northeastern Illinois University

HYBRID RENEWABLE ENERGY SUPPLY CHAIN OPTIMIZATION (PAPER ID: 24)

Kwon Gi Mun	California State Polytechnic University Pomona
Raza Rafique	Kean University

CONSUMER EXPECTATION STUDY ON MICROGRID ADOPTION (PAPER ID: 37)

Xiaoguang Ma	University of Wisconsin Platteville
Yanwei Wu	University of Wisconsin Platteville
Fang Yang	University of Wisconsin Platteville
Xiaotong Liu	California State University Monterey Bay

SUPPLY CHAIN RESILIENCE: EVIDENCE FROM EMPIRICAL STUDY OF BULLWHIP AND REVERSE BULLWHIP EFFECTS ACROSS NATIONS (PAPER ID: 223)

XIAOHUI XU	California State Polytechnic University Pomona

THE IMPACT OF SUSTAINABLE SUPPLY CHAIN FINANCE ON SUPPLY CHAIN RESILIENCE (PAPER ID: 197)

Mucahit Kochan	Governors State University
Cigdem Gonul Kochan	Northeastern Illinois University

Wednesday, April 5, 2023 3:00 PM - 4:40 PM

IEB2 SCM and Business Analytics applications — Wednesday 3:00 PM Salon A

Chair: Albert Huang — University of the Pacific

ASSESSING PIONEERING ORIENTATION THROUGH EMBEDDEDNESS IN QUICK RESPONSE SUPPLY CHAINS (PAPER ID: 148)

JAO HONG CHENG	National Yunlin University of Science and Technology
Li-Hua Huang	National Yunlin University of Science and Technology
Jyun-Hong Chang	National Yunlin University of Science and Technology

EXPLORING HOW SENSING CAPABILITY AFFECT SUPPLY CHAIN QUALITY MANAGEMENT (PAPER ID: 149)

JAO HONG CHENG	National Yunlin University of Science and Technology
Mao-Ken Chin	National Yunlin University of Science and Technology
Yeh-Kuei Wang	National Yunlin University of Science and Technology

DIAMOND PRICE STATISTICS FOR BUSINESS ANALYTICS EDUCATION AND RESEARCH (PAPER ID: 192)

Wenjing Ouyang	University of the Pacific
Chong Huang	University of the Pacific
Albert Huang	University of the Pacific

BES2 Workforce Diversity — Wednesday 3:00 PM Salon B

Chair: Bill Herman — Metropolitan State University of Denver

THE DECLINE OF MEN IN THE WORKFORCE: A VOCATIONAL INTEREST VARIABILITY PERSPECTIVE (PAPER ID: 206)

Jonathan Phan	California State University, Long Beach
Bo Zhang	University of Illinois Urbana-Champaign

WHAT INCLUSION WE OWE TO EACH OTHER: CONTRACTUALIST ARGUMENTS FOR WORKFORCE DIVERSITY, EQUITY, AND INCLUSION (PAPER ID: 56)

Bill Herman	Metropolitan State University of Denver

SUCCESS AND GROWTH OF THE BANGLADESH GARMENT INDUSTRY AND ITS IMPACT ON GENDER EQUALITY IN BANGLADESH (PAPER ID: 187)

Mohua Podder	University of Alberta
Subhadip Ghosh	MacEwan University
Shahidul Islam	MacEwan University

EPISTEMIC INJUSTICE IN BIG TECH: KNOWLEDGE PRODUCTION, REPRESENTATION, AND INVISIBILITY (PAPER ID: 160)

Bill Herman	Metropolitan State University of Denver

MKT2 Advertising Implications — Wednesday 3:00 PM Salon C

Chair: Wossen Kassaye — Metropolitan State University of Denver

MOBILIZING A NATION: PERSUASIVE APPEALS IN VIETNAMESE WAR POSTERS (PAPER ID: 195)

Hieu Nguyen	California State University, Long Beach

THE ADVERTISING IMPLICATIONS OF THE DYNAMICS IN MILLENNIALS' EVALUATIVE CRITERIA: COMPARING PRINT, BROADCAST, AND THE INTERNET (PAPER ID: 110)

Wossen Kassaye	Metropolitan State University of Denver
Alexandra Hutto	Millersville University of Pennsylvania

MULTICULTURALISM IN SOCIAL MEDIA ADS (PAPER ID: 57)

Juan Mundel	Arizona State Universit

PRICESMART'S AMIGOS Y FAMILIA PROGRAM FOR EL SALVADOR (PAPER ID: 16)

Don Sciglimpaglia	CSU San Marcos
Feraidoon Raafat	San Diego State University
Nathan Oestreich	San Diego State University

MBA3 Behavioral Studies in IT — Wednesday 3:00 PM Salon D

Chair: Will Zheng — California State Polytechnic University Pomona

MATCHING THE DESIGN OF INFORMATION TECHNOLOGY PROGRESS INDICATORS TO USERS' MENTAL MODELS (PAPER ID: 39)

TS Amer	The W. A. Franke College of Business, Northern Arizona University
Todd Johnson	The W. A. Franke College of Business, Northern Arizona University

MANAGEMENT EMOTION AND FIRMS' IT INVESTMENT DECISIONS (PAPER ID: 144)

Will Zheng	California State Polytechnic University Pomona

INFORMATION SECURITY POLICY COMPLIANCE BEHAVIOR OF IT PROFESSIONALS (PAPER ID: 174)

Tracey Rice	Trident University International
Indira Guzman	California State Polytechnic University Pomona
Kenneth Cromer	Trident University International

SUBJECTIVE NORMS AND PRIVACY-PROTECTION BEHAVIORS (PAPER ID: 183)

Lori Baker-Eveleth	University of Idaho
Robert Stone	University of Idaho
Daniel Eveleth	University of Idaho

SUS2 Environmental, Social, and Governance (ESG) Policies — Wednesday 3:00 PM Salon G

Chair: Yeongling Yang — San Diego State University

USING A LONGITUDINAL APPROACH TO EXAMINE RELATIONSHIPS BETWEEN SIX SIGMA AND CORPORATE SOCIAL RESPONSIBLTY (CSR) ON FINANCIAL PERFORMANCE OF FINANCE SERVICES INDUSTRY (PAPER ID: 108)

Pinyarat Sirisomboonsuk	The University of Texas Permian Basin
Ray Cao	University of Houston – Downtown
Vicky Gu	University of Houston – Clear Lake
James Burns	Texas Tech University
Steve Zhou	University of Houston – Downtown

ESG DISCLOSURES IN THE TECHNOLOGY SECTOR (PAPER ID: 123)

Yeongling Yang	San Diego State University

IDENTIFICATION OF FACTORS ASSOCIATED WITH PUBLIC HEALTH WORKFORCE RESILIENCE (PAPER ID: 142)

Anuja Gadde	University of Houston Clear Lake
Ipek Bozkurt	University of Houston Clear Lake
Gene Shan	University of Houston Clear Lake

WARRANTY AND CONSUMER QUALITY PERCEPTION STUDIES IN THE REMANUFACTURING INDUSTRY (PAPER ID: 129)

Kunpeng Li	California State University, Northridge
Yang Li	California State University, Sacramento

Wednesday, April 5, 2023 5:00 PM - 6:00 PM

SPS2 Special Session 2 **Wednesday 5:00 PM Salon G**

Chair: Yuanjie He — California State Polytechnic University, Pomona

HIGHER ED DISCUSSION (PAPER ID: 299)

Yuanjie He — California State Polytechnic University, Pomona

Thursday, April 6, 2023

Thursday, April 6, 2023 8:00 AM - 9:40 AM

HOS1 Hopitality **Thursday 8:00 AM Salon A**

Chair: Meng Zhao — California State University Dominguez Hills

CUSTOMERS' ATTITUDE TOWARDS ROBOTS IN HOTELS DURING THE PANDEMIC: ROLE OF DEMOGRAPHIC FACTORS (PAPER ID: 9)

Nasim Binesh — University of florida
Seyhmus Baloglu — University of Nevada, Las Vegas

THE IMPACT OF THE COVID-19 PANDEMIC ON PUBLIC PERCEPTION OF CRUISE TOURISM: INSIGHTS FROM A THEMATIC ANALYSIS OF TWITTER HASHTAG ENGAGEMENT (PAPER ID: 176)

Tim Lu — University of Maine

MEO1 Learning about Company Operations **Thursday 8:00 AM Salon B**

Chair: Debora Gilliard — MSU Denver

THE AMERICAN DREAM: STARTING AND GROWING A BUSINESS AS AN IMMIGRANT (PAPER ID: 121)

Becky Prater — MSU Denver
Cindy Sutton — MSU Denver

ZILLOW GROUP, INC.: CHANGING THE WAY AMERICANS BUY HOMES (PAPER ID: 69)

David Lynn Hoffman — MSU Denver
Debora Gilliard — MSU Denver
Sally Baalbaki-Yassine — MSU Denver

ATTACHMENT AND CONSUMPTION EXTERNALITIES: THE BENEFITS OF PRODUCT PAROCHIALISM (PAPER ID: 26)

Daniel Chaffin — University of Nebraska Kearney
Mark Packard — University of Nevada Reno

EFFICACY OF AUTHENTIC SELF-EXPRESSION IN NEWCOMER ORIENTATION (PAPER ID: 30)

Lei Lai — california state university, dominguez hills

MIL1 TOOLS AND TECHNIQUES **Thursday 8:00 AM Salon C**

Chair: Paul Hartman — RGBSI Aerospace and Defense

COMBINING NLP WITH A SENSEMAKING LAYER AS APPLIED TO OSINT (PAPER ID: 92)

Paul Hartman — RGBSI Aerospace and Defense
Tyler Bartlett — RGBSI Aerospace and Defense

TESTING THE RELIABILITY OF FUEL DISTRIBUTION TRUCKS USING SURVIVAL ANALYSIS (PAPER ID: 161)

Roed Mejia	Air Force Institute of Technology
Seong-Jong Joo	Air Force Institute of Technology

WHEN SMALL DATA > BIG DATA (PAPER ID: 93)

Paul Hartman	RGBSI Aerospace and Defense
Shweta Kumar	RGBSI Aerospace and Defense

AN EXAMINATION INTO STANDARDIZED PHYSICAL FITNESS ASSESSMENTS ACROSS AIR FORCE SPECIALTY CODES (PAPER ID: 175)

Lauren Rogers	Air Force Institute of Technology
Seong-Jong Joo	Air Force Institute of Technology

SUS3 Supply Chain Sustainability — Thursday 8:00 AM Salon D

Chair: Wenge Zhu — California State Poly Tech Pomona

NEWGEN SURGICAL: SUSTAINABLE SOURCING CHALLENGES DURING THE POST-PANDEMIC ERA (PAPER ID: 71)

Sarah Lee	Dominican University of California
Vafa Saboori-Deilami	Dominican University of California
Xiaotian Zhang	Saint Mary's College of California
Jung-Jae Lee	Dominican University of Caliufornia

CIRCULAR ECONOMY THROUGH A MARKET MAKER (PAPER ID: 211)

Wenge Zhu	California State Poly Tech Pomona

THE DISCUSSION OF THE EFFICIENCY, ENERGY CONSERVATION, AND CARBON REDUCTION OF THE CLOUD TIMING SYSTEM IN MARATHON EVENTS (PAPER ID: 222)

HueyYeh Lin	National Formosa University
Tung-Ming Koo	National Yunlin University of Science and Technology

FIN1 Corporate Finance — Thursday 8:00 AM Salon G

Chair: Jennifer Miele — California State University, Fresno

CAN INTERNATIONALIZATION STRATEGY ENHANCE CORPORATE INNOVATION? EVIDENCE FROM CHINESE MANUFACTURING INDUSTRY (PAPER ID: 189)

Pia Gupta	California State University, Long Beach
Dan He	Southwestern University of Finance and Economics
Yulong Ma	California State University, Long Beach
Jasmine Yur-Austin	California State University, Long Beach

CREDIT DERIVATIVES AND CORPORATE ESG PERFORMANCE (PAPER ID: 134)

Lu Zhu	California State University, Long Beach
Ran Zhao	university of liverpool

FEMALE DIRECTORS ON INVESTMENT SENSITIVITY TO Q: AN INFORMATION PROCESSING MODEL PERSPECTIVE (PAPER ID: 194)

Wenjing Ouyang	University of the Pacific
Samuel Szewczyk	Drexel University
Jeffrey Miles	University of the Pacific

Thursday, April 6, 2023 10:00 AM - 11:40 AM

EDU2 Topics in Innovative Education — Thursday 10:00 AM Salon A

Chair: Kunpeng Li — California State University, Northridge

USING SCENES FROM A MOVIE TO IMPROVE HR SKILLS AND DECISION-MAKING (PAPER ID: 201)

Thomas Norman	California State University, Dominguez Hills
Aleksander Norman	UC at Berkeley
Benjamin Norman	CSUDH

UTILIZING UNIVERSITY RESOURCES TO PROMOTE STUDENT WELL-BEING AND STRESS COPING STRATEGIES IN HIGHER EDUCATION (PAPER ID: 87)

Kunpeng Li	California State University, Northridge
Tao Hu	California State University, Northridge
Na Wen	California State University, Northridge
Xihui Zhang	University of North Alabama

MEO2 Characteristcs/Traits and their affect on Company Actions — Thursday 10:00 AM Salon B

Chair: Jessica Carter — Trident University International

A STUDY OF DISC PERSONALITY TRAIT, LEADERSHIP EFFECTIVENESS AND JOB SATISFACTION OF HEALTH CARE WORKERS (PAPER ID: 163)

Jessica Carter	Trident University International
Kenneth Cromer	Trident University International
Indira Guzman	California State Polytechnic University Pomona

HUMAN CAPITAL, R&D-MANUFACTURING INTEGRATION, AND PERFORMANCE: EVIDENCE FROM TAIWAN TECHNOLOGY-BASED YOUNG FIRMS, 2002–2016 (PAPER ID: 118)

Christie, Jo Hsien Hsieh	Institute of Technology Management, National Tsing Hua University
Bou-Wen Lin	Department and Graduate Institute of Business Administration, National Taiwan University
Shih-Chang Hung	Institute of Technology Management, National Tsing Hua University

THE SOCIAL MAXIMIZER: WHY THOSE WHO DESIRE THE BEST PURSUE ENTREPRENEURIAL VENTURES WITH A SOCIAL MISSION (PAPER ID: 88)

Brandon Soltwisch	University of Northern Colorado
Maurice Harris	University of Northern Colorado
Robin Tang	University of Northern Colorado

USING OF COGNITION-AFFECT-BEHAVIOR MODEL ON MOBILE LOCATION-BASED ADVERTISEMENT (LBA): THE DELIVERY TYPE OF LBA AS A MODERATOR (PAPER ID: 38)

Hsin Hsin Chang	Department of Business Administration, National Cheng Kung University
You-Hung Lin	Department of Business Administration, National Cheng Kung University
YA-RONG LIANG	Department of Business Administration, National Cheng Kung University
Chiao Hsuan Fan	Department of Business Administration, National Cheng Kung University

MIL2 COVID IMPACTS **Thursday** **10:00 AM** **Salon C**

Chair: Jeff Weir — Air Force Institute of Technology

THE CURRENT AND FUTURE IMPACT OF EMPLOYEE RETENTION IN THE "POST-COVID" JOB MARKET (PAPER ID: 91)

Corbin Hartman	RGBSI Aerospace and Defense
Sarah Jonik	RGBSI Aerospace and Defense

IMPACT OF COVID ON SMALL BUSINESS (PAPER ID: 95)

Tyler Bartlett	RGBSI Aerospace and Defense
Sarah Jonik	RGBSI Aerospace and Defense

EVALUATING AIR FORCE LOGISTICIAN'S RISK INFORMATION SEEKING DURING THE COVID-19 PANDEMIC (PAPER ID: 224)

Matthew Roberts	Louisiana Tech University
Seong-Jong Joo	Air Force Institute of Technology

MOS3 Modeling and Simulation III **Thursday** **10:00 AM** **Salon D**

Chair: Fallah Fini Saeideh — California Polytechnic State University Pomona

EXPLORATION OF THE IMPACTS OF TRANSPORTATION AND SOCIOECONOMIC FACTORS ON PUBLIC HEALTH IN US CITIES (PAPER ID: 115)

Seyedbamdad Sharifiilierdy	California State Polytechnic University Pomona
Wen Cheng	California State Polytechnic University Pomona

SLOTTING FEE PRICING MODEL: A COMPARISON OF TRADITIONAL AND E-COMMERCE BUSINESS (PAPER ID: 215)

Robert Chi	California State University, Long Beach
Melody Kiang	California State University, Long Beach
Jinguo Tao	Nanjing University of Finance and Economics, China

USING SPREADSHEET TO SIMULATE BASIC STOCHASTIC MODELS (PAPER ID: 130)

Khosrow Moshirvaziri	California State University, Long Beach
Mahyar Amouzegar	The University of New Orleans

CAUSES OF FOOD INSECURITY: A SYSTEMATIC REVIEW (PAPER ID: 199)

Fallah Fini Saeideh	California Polytechnic State University Pomona
Richa Rajesh Mehta	California Polytechnic State University Pomona
Guillermo Corona	California Polytechnic State University Pomona

SUS4 Sustainability in Consumer Sector **Thursday** **10:00 AM** **Salon G**

Chair: Alireza Yazdani — California State Polytechnic University Pomona

AN ANALYSIS OF RIDESHARING TRIP TIME PRE- AND POST-COVID-19 PANDEMIC USING ADVANCE TEXT MINING TECHNIQUE – THE USA VS INDIAN CASE STUDY ACROSS DIFFERENT AGE AND GENDER GROUPS (PAPER ID: 154)

Wenxiang Xu	Tongji university
Anae Sobhani	Hartford University
Ting Fu	Tongji university
Amir Mahdu Khabushani	Hartford University
Sina Shokoohyar	Seton Hall University
Ahmad Sobhani	amazon
Behnaz Rauof Hassanzadeh	Fairfax county, Department of Transportation

RIDESHARING COST PRE- AND POST-COVID-19 PANDEMIC (PAPER ID: 156)

Wenxiang Xu	Tongji university
Anae Sobhani	Hartford University
Ting Fu	Tongji university
Amir Mahdu Khabushani	Hartford University
Aminreza Vazirinasab	School of Urban Planning, Faculty of Fine Arts, University of Tehran
Sina Shokoohyar	Seton Hall University
Ahmad Sobhani	amazon
Behnaz Rauof Hassanzadeh	Fairfax county, Department of Transportation

CLOSET-BUILDING VERSUS MINIMALISM: SELLING FEWER, BETTER PRODUCTS TO FASHION SENSITIVE CUSTOMERS (PAPER ID: 166)

Alireza Yazdani	California State Polytechnic University Pomona
Monire Jalili	Bentley University
Michael Pangburn	University of Oregon

HUMAN ACTIVITY CALORIES CONSUMPTION CALCULATION BASED ON SKELETON DETECTION (PAPER ID: 220)

Tung-Ming Koo	National Yunlin University of Science and Technology
Hung-Chang Chang	National Yunlin University of Science and Technology
Yu-Chieh Huang	National Yunlin University of Science and Technology
HueyYeh Lin	National Formosa University

Thursday, April 6, 2023 1:00 PM - 2:40 PM

IEB3 New Research Trends in E-Business Thursday 1:00 PM Salon A

Chair: Dalen Chiang California State University, Chico

CONSUMERS' CHOICE BETWEEN THE COMPANY'S SELF-OWNED AND THIRD-PARTY PLATFORM ONLINE STORES (PAPER ID: 172)

Dalen Chiang	California State University, Chico

EVOLUTION OF THE WORLD WIDE WEB TO WEB3 (PAPER ID: 25)

Santosh Venkatraman	Tennessee State University

BES3 Regulation and Competition Thursday 1:00 PM Salon B

Chair: Al Ansari Seattle University

A STUDY OF HIPAA SECURITY RULE COMPLIANCE IN SMALL AND MEDIUM-SIZED HEALTHCARE FACILITIES DURING COVID (PAPER ID: 190)

Wladimir Pierre-Francois	Trident University International
Indira Guzman	California State Polytechnic University Pomona
Kenneth Cromer	Trident University International

STRATEGIC FRAMINGS BETWEEN RURAL & METRO REGIONAL GOVERNMENTS IN THE PACIFIC NORTHWEST: A DYNAMIC CAPABILITIES PERSPECTIVE (PAPER ID: 162)

William Provaznik	Central Washington University
Rob Ogburn	Central Washington University
Janie Zencak	Central Washington University

STRATEGIC COMMERCIALIZATION OF MIGRANT (PAPER ID: 104)

Batoul Modarress	Quality Technology Inc.
Al Ansari	Seattle University
Alexander Ansari	Quality Technology Inc.

MEO3 Effects of Internal Operational Changes **Thursday** **1:00 PM** **Salon C**

Chair: Thomas Norman — California State University, Dominguez Hills

CREATING A PIPELINE OF K-12 TEACHERS FROM EXISTING PARAEDUCATORS (PAPER ID: 202)

Thomas Norman	California State University, Dominguez Hills
Cinthya Vodanovich	The Aptus Group

FACTORS AFFECTING USERS' PERCEPTIONS OF SOCIAL-MEDIA BENEFITS AND PRIVACY CONCERNS (PAPER ID: 185)

Robert Stone	University of Idaho
Lori Baker-Eveleth	University of Idaho
Daniel Eveleth	University of Idaho

THE IMPACT OF COVID 19 INDUCED REMOTE TEACHING ON STUDENT PERFORMANCE: EVIDENCE FROM AN INTRODUCTORY BUSINESS STATISTICS COURSE (PAPER ID: 178)

Subhadip Ghosh	MacEwan University

PPA1 Addressing the Need of a Changing Workforce: Telework Policy and Multiculturalism **Thursday** **1:00 PM** **Salon D**

Chair: Rui Sun — California State University, Dominguez Hills

SOURCE OF PERFORMANCE INFORMATION AND EMPLOYEES' SUPPORT FOR TELEWORK POLICY INITIATIVES – A SURVEY EXPERIMENT (PAPER ID: 168)

Qiyuan (Roger) Jin	california state university, dominguez hills
Bo Wen	City University of Hong Kong
Lei Tao	City University of Hong Kong

ADDRESSING THE NEED OF GOVERNMENT WORKFORCE: FROM A JOB AGGREGATOR TOOL TO A PUBLIC SECTOR ALLIANCE (PAPER ID: 62)

Kunal Parnami	California State University, Dominguez Hills
Shirin Jorayeva	California State University, Dominguez Hills
Rui Sun	California State University, Dominguez Hills
Krystal Rawls	California State University, Dominguez Hills

NATIVITY-BASED DISCRIMINATION: THE EXPERIENCE OF ASIAN AMERICANS IN THE WORKPLACE (PAPER ID: 78)

Daniel Zhao	Flintridge Preparatory School
Lei Lai	california state university, dominguez hills

THE INFLUENCE OF POLITICAL IDEOLOGY AND POLITICAL AWARENESS ON INDIVIDUAL ACCEPTANCE OF MULTICULTURALISM (PAPER ID: 11)

SHUKTIKA CHATTERJEE	University of Nevada, Las Vegas

SPS1 Special Session 1 **Thursday** **1:00 PM** **Salon G**

Chair: Mahyar Amouzegar — The University of New Orleans

ESTATE AND GIFT PLANNING TECHNIQUES UNDER FEDERAL AND STATE TRANSFER TAX SCHEMES (PAPER ID: 298)

Matthew Shafae	Shafae Law

Thursday, April 6, 2023 3:00 PM - 4:40 PM

ACC3 Accounting III: Financial & Tax — Thursday 3:00 PM Salon A

Chair: Don Sciglimpaglia — CSU San Marcos

CONSIDERATIONS FOR ROTH IRA CONVERSIONS (PAPER ID: 18)

Sheldon Smith	Utah Valley University

PROPERTIES OF THE VARIANCE OF ANALYSTS' FORECAST OF EARNINGS IN GOOD-NEWS AND BAD-NEWS ENVIRONMENTS: THEORY, EVIDENCE AND USEFULNESS (PAPER ID: 208)

David Adut	University of Seattle
P.K. Sen	University of Washington, Bothell
Praveen Sinha	California State University, Long Beach

PROPOSAL OF A SOCIAL MARKETING INDEX FOR THE BANKING INDUSTRY; A PILOT STUDY FROM TURKEY (PAPER ID: 213)

Recep Pekdemir	University of Wisconsin La Crosse

CARS FOR CHARITY: IS IT A SCAM, OR, IS IT A SCAM? (PAPER ID: 143)

John Cooper	California State University, Los Angeles
Patty Cooper	San Diego State University
Steven Gill	San Diego State University
Nathan Oestreich	San Diego State University

MBA4 Efficiency and Quality of Service — Thursday 3:00 PM Salon B

Chair: Yang Sun — California Northstate University

ANALYSIS OF RIDE-SHARING QUALITY OF SERVICE PRE- AND AMID COVID19 PANDEMIC USING ADVANCED TEXT MINING TECHNIQUES—USA VS INDIA CASE STUDY ACROSS DIFFERENT GENDER AND AGE (PAPER ID: 82)

Anae Sobhani	Hartford University
Amir Mahdu Khabushani	Hartford University
Wenxiang Xu	Tongji university
Ting Fu	Tongji university
zahra Bour	Barney School of Business, Harford University
Behnaz Rauof Hassanzadeh	Fairfax county, Department of Transportation

STOCHASTIC NOTIFICATION SCHEDULING WITH PUSH CONSTRAINTS (PAPER ID: 158)

Yang Sun	California Northstate University
Yang Li	California State University, Sacramento

HIPAA SECURITY AND PRIVACY COMPLIANCE – A CASE STUDY (PAPER ID: 63)

Jim Chen	St. Cloud State University
Kamana K C	St. Cloud State University

IMPACT OF INFORMATION SHARING THROUGH HEALTHCARE INFORMATION TECHNOLOGY (HIT): A SYSTEMATIC REVIEW (PAPER ID: 98)

Adelina Gnanlet	California State University, Fullerton
Min Choi	California State University, Fullerton

MOS4 Modeling and Simulation IV — Thursday 3:00 PM Salon C

Chair: Anae Sobhani — Hartford University

TWO-PHASE HYBRID FLOWSHOP SCHEDULING PROBLEM TO MINIMIZE COMPLETION TIME (PAPER ID: 216)

sangoh shim	Hanbat National University

EXAMINATION ASSOCIATION OF ALTERNATIVE CRASH TYPES IN CALIFORNIA (PAPER ID: 133)

Seyedbamdad Sharifiilierdy	California State Polytechnic University Pomona
Wen Cheng	California State Polytechnic University Pomona

COLLABORATIVE LOGISTIC VEHICLE ROUTING PROBLEM AMONG SMALL SHIPPERS: A NEW GENETIC ALGORITHM APPROACH (PAPER ID: 50)

Vahid Ghomi	Penn State Mont Alto
Sina Shokoohyar	Seton Hall University
Farnaz Ghazi Nezami	Kettering Universit

THE INFLUENCE OF DISTRACTIONS, ACCOMPANIMENT TYPE, VEHICLE TYPE, AND STRESS ON PEDESTRIANS' WAITING TIME: APPLICATION OF IMMERSIVE VIRTUAL REALITY (IVR) AND ARTIFICIAL INTELLIGENCE (PAPER ID: 157)

Anae Sobhani	Hartford University

PPA2 Policy Responses in Times of Crisis: Governments, Nonprofits, and Citizens — **Thursday** — **3:00 PM** — **Salon D**

Chair: Rui Sun — California State University, Dominguez Hills

PUNCTUATED EQUILIBRIUM DYNAMICS IN TIMES OF CRISIS: ASSESSING GENERALIZABILITY TO DIFFERENT POLITICAL SYSTEMS AND TEMPORAL INVARIANCE (PAPER ID: 51)

Saahir Shafi	California State University, Dominguez Hills
Daniel Mallinson	Pennsylvania State University, Harrisburg

MUNICIPAL FISCAL HEALTH DURING THE COVID-19 PANDEMIC: FEDERAL ASSISTANCE AND LOCAL ACTIONS (PAPER ID: 49)

Rui Sun	California State University, Dominguez Hills
Janey Wang	San Francisco State University

EXPLORING THE TRENDS OF VOLUNTARY BEHAVIOR IN THE TIME OF COVID19 PANDEMIC: LESSONS FOR ENGAGING CITIZENS AS VOLUNTEERS DURING CRISIS TIME (PAPER ID: 42)

Zheng Yang	california state university, dominguez hills

EXPLORATION OF THE INTERACTION MECHANISM BETWEEN THE CHINESE GOVERNMENT AND GENERAL PUBLIC OVER SOCIAL MEDIA, REGADING CHINA’S SELF-IMAGE AND SINO-US RELATIONSHIP (PAPER ID: 122)

Yue Zhang	California State University, Northridge

Friday, April 7, 2023

Friday, April 7, 2023 — 8:00 AM - 9:40 AM

EDU3 Student engagement and Experiential Learning — **Friday** — **8:00 AM** — **Salon A**

Chair: Larisa Preiser-Houy — California Polytechnic State University Pomona

BROADENING THE HORIZONS: A POLYTECHNIC LEARNING APPROACH TO ADDRESS UNITED NATION’S SUSTAINABLE DEVELOPMENT GOALS (PAPER ID: 60)

Jacquelyn Trejo	California Polytechnic State University Pomona
Larisa Preiser-Houy	California Polytechnic State University Pomona

BUILDING CULTURAL IQ AND CULTURAL SENSITIVITY: A SEMESTER AT SEA TEACHING EXPERIENCE (PAPER ID: 155)

Sharon Segrest	University of South Florida
Amy Hurley-Hanson	Chapman University
Cristina Giannantonio	Chapman University

ALWAYS B CREATING CEOS- THE SAXBYS APPROACH TO CREATING A NEW GENERATION OF CEOS (PAPER ID: 186)

Thomas Norman	California State University, Dominguez Hills

MIL3 FUTURE TECHNOLOGY — Friday 8:00 AM Salon B

Chair: Jeff Weir — Air Force Institute of Technology

UNMANNED COMBAT AERIAL VEHICLE (UAV) APPLICATIONS IN MILITARY LOGISTICS: AN EXPLORATORY STUDY (PAPER ID: 68)

Lou Hernandez	Northestern Illinois University
Cigdem Gonul Kochan	Northeastern Illinois University

FUTURE APPLICATIONS OF MICRO BATTERY POWER SOURCES (PAPER ID: 94)

Tyler Rigsby	RGBSI Aerospace and Defense

FACILITATING THE GROWTH OF THE INDUSTRIAL AUTOMATION INDUSTRY (PAPER ID: 96)

Thomas Nielsen	RGBSI Aerospace and Defense

THE IMPACT OF MODEL-BASED SYSTEMS ENGINEERING (MBSE) ON THE FUTURE OF MANUFACTURING AND PROCUREMENT (PAPER ID: 89)

Tom Vendittelli	RGBSI Aerospace and Defense
Tyler Rigsby	RGBSI Aerospace and Defense

FIN2 Valuation and Investments — Friday 8:00 AM Salon C

Chair: Jennifer Miele — California State University, Fresno

DOES INFORMATION DISCLOSED IN “USE OF PROCEEDS” FROM PROSPECTUSES AFFECT IPO INITIAL UNDERPRICING? (PAPER ID: 7)

Zhong-guo Zhou	California State University, Northridge
Wenxiu Tang	Chongqing Technology and Business University

THE RELATIONSHIPS BETWEEN BOND YIELDS, THE CHICAGO BOARD OPTIONS EXCHANGE VOLATILITY INDEX (VIX) AND FIRM VALUATION: A STATISTICAL ANALYSIS (PAPER ID: 146)

Steven Le	California State University, Long Beach

BLOOMBERG TERMINAL AND DIVIDEND GROWTH FOR STOCK VALUATION MODEL (PAPER ID: 14)

Wikrom Prombutr	California State University, Long Beach
Chanwit Phengpis	California State University, Long Beach

STUDENT-MANAGED INVESTMENT FUNDS: INCORPORATION OF ESG IN DECISION-MAKING CRITERIA (PAPER ID: 66)

Charles Boughton	Truman State University

Friday, April 7, 2023 10:00 AM - 11:40 AM

MBA5 STEM Curriculum Design **Friday** **10:00 AM** **Salon A**

Chair: Indira Guzman — California State Polytechnic University Pomona

INTEGRATING WORKFORCE DEVELOPMENT INTO BUSINESS ANALYTICS CURRICULUM DESIGN AT A MINORITY-SERVING UNIVERSITY (PAPER ID: 114)

Krystal Rawls	California State University, Dominguez Hills
Nancy Deng	California State University, Dominguez Hills
Alana Olschwang	California State University, Dominguez Hills
Joshua Adams	Arizona State University

THE STATE OF INFORMATION SYSTEMS CURRICULA ACCORDING TO IS2020 COMPETITENCIES FRAMEWORK (PAPER ID: 135)

Drew Hwang	California Polytechnic State University Pomona
Larisa Preiser-Houy	California Polytechnic State University Pomona

OPEN DATA PLATFORM TO PROMOTE GENDER EQUALITY POLICIES IN STEM (PAPER ID: 198)

Cristiano Maciel	Universidade Federal do Mato Grosso
Indira Guzman	California State Polytechnic University Pomona
Rita Berardi	UTFPR
Boris Branisa Caballero	Universidad Católica Boliviana San Pablo
Nadia Rodriguez	Universidad de Lima
Luciana Frigo	UFSC
Luciana Salgado	Universidade Federal Fluminense
Elizabeth Jimenez	Universidad Mayor de San Andrés
Silvia Amélia Bim	Universidade Tecnologica Federal do Parana
Patricia Cabero Tapia	Universidad Católica Boliviana San Pablo

PPA3 Policy Debates: Gun Control, Legal Cannabis, Climate Change, and Ethics Training **Friday** **10:00 AM** **Salon B**

Chair: Theodore Byrne — CSUDH

CONSTITUTIONAL RIGHTS AND SUPPORT FOR GUN CONTROL IN CALIFORNIA (PAPER ID: 100)

Krystal Noga-Styron	Central Washington University
Sarah Britto	California State University Dominguez Hills

EXPLORING THE CONSTRAINTS TO LEGAL RECREATIONAL CANNABIS MARKET GROWTH IN THE COUNTY OF LOS ANGELES (PAPER ID: 81)

Fynnwin Prager	California State University, Dominguez Hills
Jose Martinez	California State University, Dominguez Hills
Jennifer Brodmann	California State University, Dominguez Hills
Catherine Munsen	California State University, Dominguez Hills

IMPACT OF POLITICAL IDEOLOGY ON CLIMATE CHANGE (PAPER ID: 12)

SHUKTIKA CHATTERJEE	University of Nevada, Las Vegas
Zohreh Bang Tavakoli	University of Nevada, Las Vegas

ETHICS TRAINING FOR SENIOR LAW ENFORCEMENT LEADERS (PAPER ID: 74)

Marie Palladini	CSUDH
Theodore Byrne	CSUDH
Hugo Asencio	CSUDH

FIN3 Banking and Lending **Friday** **10:00 AM** **Salon C**

Chair: Jennifer Miele — California State University, Fresno

INSTITUTIONAL INVESTORS AND BANK RISK EXPOSURE: THE ROLE OF OWNERSHIP CONCENTRATION ON CAMELS AND INVERTED Z-SCORE (PAPER ID: 105)

Violeta Diaz	St. Mary's University
Mohammad Jafarinejad	University of Wisconsin-Whitewater
Thanh Ngo	East Carolina University

TRANSACTION-BASED LENDING AND REAL EARNINGS MANAGEMENT (PAPER ID: 119)

Stephen Gray	Western Illinois University
Arjan Premti	University of Wisconsin-Whitewater

FAILED BANK ASSET RECOVERY: THE INFLUENCE OF DEPOSITS AND LOAN EXPOSURE (PAPER ID: 102)

libo sun	California State Polytechnic University Pomona

SERVING THE UNDERSERVED: IMPACT OF THE LOW-INCOME DESIGNATION ON US CREDIT UNION FINANCIAL PERFORMANCE (PAPER ID: 113)

Michelle Gabor	University of Wisconsin-Whitewater

Papers Sorted by ID

(for full papers or abstracts, please see the online proceedings on the WDSI Web site)

Paper ID: 4 **MODELING THE ONLINE GLOBAL FUNDRAISING MARKET: A COMPARATIVE STUDY OF UNITED STATES VS. UNITED KINGDOM**

Wednesday, April 5, 2023 10:00 AM Salon D

Total size of the global crowdfunding market has reached over 12 billion dollars. This market is expected to double in size by 2027—growing at an annual rate of 11%. The two largest players in this market are the US and the UK. While the total size of US economy was about eight times larger than the UK economy in 2020, the share of crowdfunding activities from the UK economy is more than 20% higher compared with the US economy. This raises the question as why the largest economy in the world is falling behind a trending technology-based method of fundraising.

Paper ID: 5 **INTEGRATED PERFORMANCE ASSESSMENT (I-PASS) ANALYSIS APPROACH TO IMPROVING GOVERNMENT SUPPLY CHAINS**

Wednesday, April 5, 2023 1:00 PM Salon D

Supply chains are rapidly changing. Knowing how to make supply chains efficient and effective is more important than ever, but sometimes the challenge is knowing what to focus on and which practices to implement. Our team developed the I-PASS method to provide a structured approach for evaluating and improving public sector logistics and supply chain operations. Using our experience and I-PASS , we identify, adapt, and apply commercial best practices to be implemented in government supply chains. I-PASS is a standardized set of tasks, inputs, and outputs that we use to quickly evaluate government supply chain operations.

Paper ID: 7 **DOES INFORMATION DISCLOSED IN "USE OF PROCEEDS" FROM PROSPECTUSES AFFECT IPO INITIAL UNDERPRICING?**

Friday, April 7, 2023 8:00 AM Salon C

We study the impact of intended use of proceeds disclosed in "Use of Proceeds" in prospectuses on ChiNext IPOs' initial underpricing. After splitting the entire period into two non-overlapping sub-periods to control for regulatory changes, firm-level characteristics and market conditions, we find that the overall information disclosed from "Use of Proceeds" affects IPO initial underpricing. The proceeds raised for IPO firms' information platform and research and development over the 2nd sub-period while the proceeds to promote marketing and sales and to expand existing products over the 1stsub-period are significantly and positively related to initial underpricing. We explore the results.

Paper ID: 9 **CUSTOMERS' ATTITUDE TOWARDS ROBOTS IN HOTELS DURING THE PANDEMIC: ROLE OF DEMOGRAPHIC FACTORS**

Thursday, April 6, 2023 8:00 AM Salon A

Several studies have suggested that different demographic factors influence customers' technology adoption behavior. Using a sample of 525 participants this study uses MANOVA test to investigate the differences of attitude towards robots in 5 areas of a hotel (front desk, concierge, housekeeping, and food and beverage) and the level of involvement of customers among different groups of each factor (age, gender, income level, education, and purpose of trip). The findings show significant difference among groups for all the dependent variables. This study is timely, as it looks at the customer attitude towards using robot in hotel during the pandemic.

Paper ID: 11 **THE INFLUENCE OF POLITICAL IDEOLOGY AND POLITICAL AWARENESS ON INDIVIDUAL ACCEPTANCE OF MULTICULTURALISM**

Thursday, April 6, 2023 1:00 PM Salon D

We live in a world where diversity is increasingly being valued. Academics and practitioners are both interested in understanding factors that drive diversity. This study investigates one important aspect of diversity - cultural diversity - and focuses on finding what drives people to accept a multicultural society. A review of existing literature highlights a limited understanding of individual factors and their role in driving attitudes toward multiculturalism. To address this gap, this study theorizes that two important individual factors, political ideology, and political awareness, are important influencers of people's acceptance of multiculturalism. We are using the LISS dataset surveys (Netherland).

Paper ID: 12 **IMPACT OF POLITICAL IDEOLOGY ON CLIMATE CHANGE**

Friday, April 7, 2023 10:00 AM Salon B

Climate change is one of the most serious global challenges currently faced by humanity. Governments worldwide are increasingly interested in addressing this phenomenon by instituting policies and programs. Designing effective policies and programs requires us to gain an academic understanding of factors that influence people's perceptions of climate change. In this study, I theorize that people's perceptions about climate change are influenced by their political ideology. The theory is tested using data from a representative survey of the residents in the state of Nevada (NV). Political ideology is measured as being liberal/conservative/moderate. Keywords— Climate Change, Political Ideology, Conservative, Liberals.

Paper ID: 13 **CEO COMPENSATION STRUCTURE AND MARKET VALUE OF CORPORATE SPIN-OFFS: EXAMINING THE MODERATING EFFECT OF CEO DUALITY**

Wednesday, April 5, 2023 1:00 PM Salon B

Corporate spin-offs aim to help both divesting (parent) and spun-off (child) companies to boost their shareholder value. In this study, grounded in the agency theory, we examine the effect of CEO compensation mix on the change in market valuation of spun-off subsidiaries based on 138 spin-off cases between 2000 and 2014. Our empirical evidence shows that there is a positive and significant relationship between CEO compensation mix and market performance of the child firm. We also look at the moderating effect of CEO duality on our main relationship, which leads to another positive and significant association.

Paper ID: 14 **BLOOMBERG TERMINAL AND DIVIDEND GROWTH FOR STOCK VALUATION MODEL**

Friday, April 7, 2023 8:00 AM Salon C

We use data from the Bloomberg Terminal and estimate the implied perpetual dividend growth of all dividend-paying stocks in the S&P500 index cross-sectionally and over time. We show that we can use the computed implied growth rate for a stock valuation model in an Excel spreadsheet. Our new approach to growth rate estimation can help to enhance students' technological and quantitative skills and their knowledge of stock valuation applications.

Paper ID: 16 **PRICESMART'S AMIGOS Y FAMILIA PROGRAM FOR EL SALVADOR**

Wednesday, April 5, 2023 3:00 PM Salon C

This case follows PriceSmart, the largest membership "warehouse club" operation in Central America, South America, and the Caribbean. Attracted by the high rate of remittances to El Salvador, the company is investigating whether to address this as a business opportunity. If so, the question is how to operationalize this opportunity.

Paper ID: 17 **A DESIGN OF EMERGENCY LOGISTICS NETWORK WITH A SOCIAL VULNERABILITY INDEX**

Wednesday, April 5, 2023 8:00 AM Salon D

This paper applies the Center for Disease Control and Prevention's Social Vulnerability Index (SVI) to an emergency logistics network (ELN) design problem. A community with a higher SVI should be given a higher priority in case of emergency. We propose two SVI-based facility location-allocation (FLA) models with a multi-sourcing system–one with a soft SVI constraint by maximizing SVI in the objective function and the other with a hard-SVI constraint by considering SVI in the constraint and minimize the total logistics costs. The case study analyzes the proposed models' performance and compares them with the traditional FLA without the SVI.

Paper ID: 18 **CONSIDERATIONS FOR ROTH IRA CONVERSIONS**

Thursday, April 6, 2023 3:00 PM Salon A

This paper describes many factors that should be considered by those who are contemplating an IRA to Roth IRA conversion. While these conversions can be very helpful to some taxpayers, certain qualifications must be met, and individuals should be sure they understand the ramifications before they convert amounts to Roth IRAs.

Paper ID: 19 **COORDINATION IMPROVEMENT IN A TWO-PERIOD PROJECT UTILIZING A NOISE PROOF EQUILIBRIUM SELECTION**

Wednesday, April 5, 2023 8:00 AM Salon C

We develop a game-theoretical model to study a project governed by the risk-sharing contract in which the project's outcome depends on the minimum contractors' progress on their task. Each contractor's progress on its task is determined by the effort exerted and a random environmental shock out of the contractor's control. When the cost-revenue ratio of per-unit effort is low, the result shows that no intervention by the OEM is needed; there exists a unique equilibrium, achieving full coordination. Otherwise, contractors exert the lowest possible effort, leading to coordination failure. To improve coordination, we introduced midterm feedback on contractors' progress.

Paper ID: 20 **ZIGZAG MANIFOLD SEARCH FOR MULTI-OBJECTIVE OPTIMIZATION**

Wednesday, April 5, 2023 8:00 AM Salon G

Decision making based on multiple criteria is ubiquitous in business and engineering problems. To find the tradeoff (Pareto) optimal solutions is searching the solutions within an embedded manifold. The geometric structure of such manifolds is usually complex, and thus the optimization process is computationally challenging. We present and discuss the idea of a high-dimensional zigzag search method for multi-objective optimization problems. Some numerical examples considering 3 or more objectives will be tested and analyzed to demonstrate the efficiency of the proposed zigzag search method.

Paper ID: 24 **HYBRID RENEWABLE ENERGY SUPPLY CHAIN OPTIMIZATION**

Wednesday, April 5, 2023 1:00 PM Salon G

This study is motivated by the challenges faced by weak economies in addressing their energy deficiency. A strategic development of a renewable energy system is proposed as opportunities to alleviate the connected energy and economy issues. The optimization model designs a renewable energy supply network with the objective to minimize the energy gap under budget and resource availability constraints. The analysis highlights that the cost for the optimum development of a renewable energy system can significantly vary over the planning horizon. It starts as a centralized system and evolves into a decentralized system in which facilities and power supply locally.

Paper ID: 25 **EVOLUTION OF THE WORLD WIDE WEB TO WEB3**

Thursday, April 6, 2023 1:00 PM Salon A

We are at the start of a new Web era, referred to as Web3. It aims to decentralize the Web and place the control directly to content creators, and take some power away from the powerful Platforms, like Netflix and Spotify. Web3 can also be the infrastructure to power the Metaverse, in which virtual spaces are created by the convergence of enhanced, replicated physical entities, and digital reality. Transactions on Web3 can be decentralized using cryptocurrencies, digital currencies and non-fungible tokens (NFTs). This purpose of this research is to discuss the various trends that are reshaping and advancing the Web.

Paper ID: 26 **ATTACHMENT AND CONSUMPTION EXTERNALITIES: THE BENEFITS OF PRODUCT PAROCHIALISM**

Thursday, April 6, 2023 8:00 AM Salon B

The emerging demand-side literature offers a fresh perspective on strategic decisions. Building on this emerging stream, we propose that the geographic diversity of a firm's consumers can have important performance implications. We examine the effects of consumer geographic diversity in the context of competitive football games during the 2016 presidential election. We argue that consumption externalities arise from consumption in close proximity with other consumers, which may benefit more geographically parochial customer segments. Our results generally support the notion that parochial products, targeted toward a narrow consumer geography, may enjoy a strategic benefit of greater loyalty through consumption externalities.

Paper ID: 28 **DO CONSULTING SERVICES AFFECT AUDIT QUALITY? EVIDENCE FROM THE WORKFORCE**

Wednesday, April 5, 2023 1:00 PM Salon A

In this paper we investigate how consulting affect audit quality using a comprehensive dataset of employment profiles, covering 86% of all employees at large U.S. public accounting firms. In our empirical analyses, we document a positive effect of consulting employees on audit quality. Specifically, a one standard deviation increase in the share of consulting employees in an office results in a 2.7 percentage point reduction in restatements (a decrease of 19% relative to the baseline). This effect is strongest when consulting employees have skills complimentary to auditors, such as special industry, technical, and management skills, supporting the knowledge sharing hypothesis.

Paper ID: 30 **EFFICACY OF AUTHENTIC SELF-EXPRESSION IN NEWCOMER ORIENTATION**

Thursday, April 6, 2023 8:00 AM Salon B

This longitudinal quasi-field experiment tests the efficacy of an authentic self-expression (ASE) program on both proximal outcomes (i.e., perceived stress and popularity) and distal outcome (i.e., job performance) of new newcomer adjustment. Two cohorts of newly hired nurses were followed up four times post-entry (at Months 3, 6, 9, and 12, respectively), with the first cohort receiving a traditional orientation program (control) and the second cohort receiving an ASE program (treatment). Results suggest that the ASE orientation was more effective than the traditional orientation in enhancing newcomer's job performance via two distinct mechanisms: reducing stress and gaining popularity.

Paper ID: 33 **EXPOLORING STUDENT ENGAGEMENT VIA GAMIFICATION AND LEADERBOARD DESIGN**

Wednesday, April 5, 2023 10:00 AM Salon A

Along with the popularity of gamification, there has been increased interest in using leaderboards to promote engagement with online learning systems. The existing literature suggests that leaderboards can result in both improved and detrimental outcomes in engagement. To move the discipline of gamification forward, rigorous studies are needed that compare various leaderboard designs in terms of actual engagement with the information system. Accordingly, this study uses a case study to discover leaderboard designs that lead to engagement in an online discussion. The results provide three conditions needed to improve student engagement via leaderboards.

Paper ID: 36 **PRICING AIRBNB USING MACHINE LEARNING - LITERATURE REVIEW AND A THEORETICAL MODEL**

Wednesday, April 5, 2023 8:00 AM Salon B

As the use of Airbnb continues to grow as a preferred form of accommodation for travelers, many are drawn to the platform's cost-effective options, desire locations, and various amenities. However, some hosts may struggle with determining the optimal pricing for their listings. To address this issue, this study conducts a comprehensive literature review of relevant articles and develops a theoretical model identifying the crucial factors and techniques for predicting Airbnb prices. This research serves as the foundation for creating simpler, more efficient, and more accurate models for determining Airbnb listing prices.

Paper ID: 37 **CONSUMER EXPECTATION STUDY ON MICROGRID ADOPTION**

Wednesday, April 5, 2023 1:00 PM Salon G

We conduct a survey in this study to examine factors that affect consumers' perception of the microgrid. We provide the first empirical study to test the factors and impacts on the intention to adopt microgrids. We also provide practical insights into microgrid decision-making and emphasize possible avenues for future research. Possible topics such as cybersecurity involved in adopting microgrids will also be investigated and discussed.

Paper ID: 38 **USING OF COGNITION-AFFECT-BEHAVIOR MODEL ON MOBILE LOCATION-BASED ADVERTISEMENT (LBA): THE DELIVERY TYPE OF LBA AS A MODERATOR**

Thursday, April 6, 2023 10:00 AM Salon B

This study combined characteristics of mobile location-based advertisement (MLBA) and the cognition-affect-behavior model to discuss the influences of consumers' emotional states and further leading to continued usage of mobile location-based advertisement. A total of 579 respondents who have been using a mobile location-based advertisement. The empirical results showed all cognitive factors of mobile location-based advertisement have significant effects on utilitarian benefits and privacy concerns, the effects were moving forward on predicting energetic and tense arousal, as well as pleasure, which leading continued usage of mobile location-based advertisement. Keywords: Mobile location-based advertising (MLBA), cognition-affect-behavior, utilitarian benefit, privacy concern, energetic arousal.

Paper ID: 39 **MATCHING THE DESIGN OF INFORMATION TECHNOLOGY PROGRESS INDICATORS TO USERS' MENTAL MODELS**

Wednesday, April 5, 2023 3:00 PM Salon D

Progress indicators are graphics that appear on screen to inform users of the progress made as a task moves toward completion. This study investigates the matching of progress indicator design to users' mental models. Pairs of progress indicators were presented to participants in a data elicitation exercise. The features of one progress indicator in each pair were designed to match the mental model of users. The features of the second progress indicator were designed contrary to the users' mental model. Data supports the contention that participants prefer progress indicators designed to match their mental models.

Paper ID: 42 **EXPLORING THE TRENDS OF VOLUNTARY BEHAVIOR IN THE TIME OF COVID19 PANDEMIC: LESSONS FOR ENGAGING CITIZENS AS VOLUNTEERS DURING CRISIS TIME**

Thursday, April 6, 2023 3:00 PM Salon D

Volunteering provides numerous psychological and behavioral benefits for citizens during a time of crisis, yet such benefits are not well documented by empirical studies. Based on in-depth interviews with managers and staff of L.A. Works (the largest volunteering platform in the Greater Los Angeles Area) as well as volunteer registration and website usage data, this study examines the trends of citizens' voluntary behavior in association with the trends of the COVID19 pandemic. Findings provide theoretical and practical contributions to nonprofit management and volunteering literature through expanding the understanding of the needs, motivation, and consequences of citizen volunteering during crisis time.

Paper ID: 43 **FIRST IN FIRST EXPIRED OUT: AN AGENCY THEORY EXAMINATION OF LAST MILE GROCERY DELIVERY**

Wednesday, April 5, 2023 8:00 AM Salon D

Retailers are increasingly implementing online orders of groceries with the utilization of either third party delivery, or with grocery pickups. The implementation of this order fulfillment process of groceries benefits the vendor rather than the customer, as online order fulfillment incentivizes the order fulfillment process to consist of products that have the shortest shelf life, while the customer prefers products that have the longest shelf life. This research utilizes an agency theory framework to examine what variables affect the reconciliation of the aforementioned differing objectives. Implications for last mile grocery delivery and opportunities for further research will be discussed.

Paper ID: 49 **MUNICIPAL FISCAL HEALTH DURING THE COVID-19 PANDEMIC: FEDERAL ASSISTANCE AND LOCAL ACTIONS**

Thursday, April 6, 2023 3:00 PM Salon D

The COVID-19 pandemic has created unprecedented challenges for public health and local economies. Despite the initial revenue shocks, with the federal stimulus funds from the American Rescue Plan Act of 2021 and increases in local property tax and other taxes, most California cities are projected to recover from the pandemic-related revenue losses. Based on data from over 450 California cities, this paper examines the impact of the pandemic on municipal fiscal health using quantitative methods. The study contributes to the public finance literature regarding fiscal federalism and has practical implications for local public managers on maintaining their cities' fiscal health.

Paper ID: 50 **COLLABORATIVE LOGISTIC VEHICLE ROUTING PROBLEM AMONG SMALL SHIPPERS: A NEW GENETIC ALGORITHM APPROACH**

Thursday, April 6, 2023 3:00 PM Salon C

This is an extended version of VRPSD to solve collaborative logistics vehicle routing problems with split deliveries (CoVRPSD). The origin of each vehicle route can be one of the suppliers. We assume that the total vehicle capacity in the supply chain is greater than or equal to the total demand. However, the total capacity of each supplier might not cover its own demand, and therefore, we implement collaboration in the supply chain. We performed a series of numerical experiments and utilized a genetic algorithm to determine the position of the proposed model in comparison with the other VRP variants.

Paper ID: 51 **PUNCTUATED EQUILIBRIUM DYNAMICS IN TIMES OF CRISIS: ASSESSING GENERALIZABILITY TO DIFFERENT POLITICAL SYSTEMS AND TEMPORAL INVARIANCE**

Thursday, April 6, 2023 3:00 PM Salon D

Policy responses to issues of national interest are usually disproportionate to potential policy costs or benefits. These patterns are explained by punctuated equilibrium dynamics. While research is rich in its empirical support for PET dynamics, less is known about whether these generalize to a broad range of political systems and hold true in compressed timeframes. Using time series data, we examine univariate distributions of COVID-19 related policy changes for four groups of political systems. We test an implicit assumption of PET (i.e., temporal invariance), and demonstrate that PET dynamics exist in shortened timeframes during crisis.

Paper ID: 52 **THE EFFECT OF TEAM-BASED ACTIVE LEARNING AND EMBEDDED TUTORS IN THE FIRST COURSE IN ACCOUNTING**

Wednesday, April 5, 2023 8:00 AM Salon A

We evaluate the impact of active learning mode on student performance in first course in accounting as compared to a traditional instructor-led passive mode. We find positive results for active learning mode only in the final cumulative exam, indicating its impact on the long-term knowledge retention. We also test the effect of embedded tutors in active learning mode. The averages of all three exams of sections with embedded tutors are all significantly higher than those with no embedded tutors. When controlled for the outside tutoring time, the role of the embedded tutors remains significant in Exams 1 and 2.

Paper ID: 55 **THE USE OF LATENT SEMANTIC ANALYSIS FOR UNDERSTANDING ONLINE HEALTH INFORMATION-SEEKING BEHAVIOR**

Wednesday, April 5, 2023 10:00 AM Salon B

Search strategies that online health information seekers use can challenge health educators. We discuss applying latent semantic analysis (LSA) to assess online health information-seeking behaviors among millennials. The findings show that LSA on the information feedback allows for an improved understanding of information-seeking behavior and a better interpretation of survey data results. The study affirms the value of LSA in explaining the substantive educational utility of social media platforms on health topics. This study provides crucial methodological input for research on how to supplement survey data with textual analysis and develop effective delivery of online health education.

Paper ID: 56 **WHAT INCLUSION WE OWE TO EACH OTHER: CONTRACTUALIST ARGUMENTS FOR WORKFORCE DIVERSITY, EQUITY, AND INCLUSION**

Wednesday, April 5, 2023 3:00 PM Salon B

Starting from T.M. Scanlon's contractualism, this essay argues that companies have twin ethical obligations to pursue workforce diversity, equity, and inclusion (DEI). First, firms are obligated to employees as primary stakeholders; companies must make equitable distributions of high-quality jobs, raises, promotions, and so on. The second obligation comes from firms' effects on other stakeholders. Inequitable distributions of benefits and harms are often invisible to more privileged populations. Companies are thus obligated to hire diverse employees and empower them to shape company decisions, to better see and correct inequitable effects on other stakeholders.Keywords: diversity, inclusion, stakeholder theory, contractualism, ethical theory

Paper ID: 57 **MULTICULTURALISM IN SOCIAL MEDIA ADS**

Wednesday, April 5, 2023 3:00 PM Salon C

Evidence remains inconclusive on whether ethnic similarity between consumer and endorser leads to more positive ad evaluations. An ethnicity match between endorser and consumer might not result in changes in ad evaluation. Some consumers prefer ads featuring endorsers from a different ethnicity. Extending previous research on Hispanic consumer perceptions of social media endorsers, this study investigates whether featuring multiple endorsers from different ethnic groups in an ad result in overall ethnic identification and follow the same patterns of brand and ad liking as when audiences are exposed to an ad with just one endorser of the same ethnic make-up.

Paper ID: 58 **AN APPLICATION OF DATA MINING TECHNIQUE ON SOCIAL MEDIA ADVERTISING: A FIELD STUDY**

Wednesday, April 5, 2023 1:00 PM Salon C

Retailers launch their marketing campaigns on social media platforms, hoping to yield quick results and expand the geographical region of customers. However, the linkage between social media advertising and sales response remains debatable. This study uses data mining techniques to derive a decision model for a fashion shoe company to set out its social media advertising campaign. The findings yield four types of decision models with over 82% accuracy and provide the company with practical suggestions. The follow-up investigation suggests effective exposure to social media advertising leads to increased conversions and sales. Suggestions for future research are discussed.

Paper ID: 60 **BROADENING THE HORIZONS: A POLYTECHNIC LEARNING APPROACH TO ADDRESS UNITED NATION'S SUSTAINABLE DEVELOPMENT GOALS**

Friday, April 7, 2023 8:00 AM Salon A

Learning about Diversity, Equity, and Inclusion through the lens of the United Nation's Sustainable Development Goals. This paper introduces the innovative high-impact educational practice of collaborative learning through the intentional pedagogical approach focused on awareness of community and global challenges. First-year students in a comprehensive polytechnic university engage, address issues, draw in solutions and make recommendations to address UN sustainability goals. This paper identifies how students engage in collaborative learning to address real-world global challenges through a polytechnic learning approach and how to de-colonize the traditional pedagogical methodology by fostering intentional and transformational learning.

Paper ID: 62 **ADDRESSING THE NEED OF GOVERNMENT WORKFORCE: FROM A JOB AGGREGATOR TOOL TO A PUBLIC SECTOR ALLIANCE**

Thursday, April 6, 2023 1:00 PM Salon D

Between an aging workforce and a shortage of applications from talented young people, governments are struggling to recruit qualified personnel. Using university and industry-generated business data, this study seeks to answer the following research questions: (1) What do students see meanings in work? (2) What is the best medium for getting students to consider public sector jobs? (3) What additional tools, training, or information are needed to further develop a pipeline between diverse student bodies and public sector jobs? The study contributes to the public administration literature on recruitment and has implications for public managers on alliance building.

Paper ID: 63 **HIPAA SECURITY AND PRIVACY COMPLIANCE – A CASE STUDY**

Thursday, April 6, 2023 3:00 PM Salon B

Privacy and security have become major concerns. Business is under increasing scrutiny in security and privacy compliance with federal and local laws and regulations. Given the increasing number of security and privacy breaches occurred in recent years, we believe that there is a great need for advancing the understanding of security risks and mitigating strategies. This case study focuses on security and privacy compliance issues in HIPAA and includes detailed case study about one of the high-profile data breach attacks that happened back in 2015. This study also proposes a framework and solution kit for security professionals in the front-line.

Paper ID: 64 **THE CARBON EMISSION CONSCIOUS MANUFACTURER**

Wednesday, April 5, 2023 8:00 AM Salon D

This paper investigates the carbon emission conscious manufacture's decisions onon production quantity and its effect. This paper integrates carbon emission cost to the traditional economic production quantity (epq) model and checks the new decisions of manufacturers, who are under carbon tax mechanism or carbon cap-and-trade mechanism, the most adopted ways to reduce carbon emission. The results provides insight to manufacturers under different carbon reduction mechanisms.

Paper ID: 65 **QUARTERBACK WIN RATING: A SUPERIOR METHODOLOGY FOR EVALUATING QUARTERBACKS**

Wednesday, April 5, 2023 10:00 AM Salon D

Given the importance of the quarterback position in football, the Passer Rating (Rate) and Total Quarterback Rating (QBR) formulas have been developed. In this paper, we present a superior methodology for evaluating quarterbacks: Quarterback Win Rating (QWR). With QWR we use quarterback winning percentage as the dependent variable, and other available quarterback statistics as possible independent variables. The independent variables chosen for a given year are selected through analyzing the previous five years of quarterback data through the use of stepwise multiple regression. In this way, the best model is picked every year and is tied to wins.

Paper ID: 66 **STUDENT-MANAGED INVESTMENT FUNDS: INCORPORATION OF ESG IN DECISION-MAKING CRITERIA**

Friday, April 7, 2023 8:00 AM Salon C

The survey (2022) addressed several issues, ESG emerged as the hottest topic. Respondents overwhelmingly recognized the term ESG, Socially Responsible Investing (SRI) and other terms appeared in their responses. The results were split as to whether ESG should be included in investment decisions. A by-product of the primary research conducted is that the secondary research from the literature review further indicates that there is quite a bit of variation in what variables should be included in an ESG evaluation of a firm and how to gather quantifiable metrics so that a common understanding of the data may be achieved.

Paper ID: 68 **UNMANNED COMBAT AERIAL VEHICLE (UAV) APPLICATIONS IN MILITARY LOGISTICS: AN EXPLORATORY STUDY**

Friday, April 7, 2023 8:00 AM Salon B

There are many Unmanned Combat Aerial Vehicles (UCAVs) in production and use worldwide. Military uses of UCAV technology have primarily contributed to warfighting efforts by providing Intelligence, Surveillance, and Reconnaissance applications via sensor payloads capable of providing multi-purpose imaging, surveying, and mapping products. Less known are the potential UCAV logistics applications. This paper explores the feasibility of armed and unarmed military drone cargo delivery options from a technical and operational standpoint. Emphasis is placed on the time-sensitive delivery of critical supplies, such as medicines, rearmaments, and dangerous goods in difficult delivery situations, inclement weather, and Beyond Line of Sight (BLOS).

Paper ID: 69 **ZILLOW GROUP, INC.: CHANGING THE WAY AMERICANS BUY HOMES**

Thursday, April 6, 2023 8:00 AM Salon B

This case explores the growth of Zillow from its inception to a successful company. It started as a platform making income from advertising and then grew into a name synonymous with real estate. It now has three divisions: Home Sales, Internet Media and Technology (IMT), and Zestimate. It forever changed an older tradition bound industry but has enabled other cutting edge technology companies to enter in the future. Students will examine how an industry distruptor grew from an idea into one of the technological companies it is today. The question becomes how does it maintain its momentum?

Paper ID: 71 **NEWGEN SURGICAL: SUSTAINABLE SOURCING CHALLENGES DURING THE POST-PANDEMIC ERA**

Thursday, April 6, 2023 8:00 AM Salon D

Businesses around the world face increasing supply chain challenges, due to post-pandemic supply and demand distress, restrictions imposed on global trade, and the US-China trade war. This study investigates how these challenges affect NewGen Surgical, a small US-based medical equipment manufacturer dedicated to sourcing sustainable materials. This case study reviews the risk and vulnerabilities of NewGen, with most of its operations outsourced to Chinese suppliers. It examines alternative solutions such as insourcing, re-shoring, diversifying supplier base, changing safety stock amount, and implementing new technologies. This study uses both in-depth interviews with executives and secondary data from the manufacturer.

Paper ID: 73 **ANALYZING THE EFFECTS OF COVID-19 ONLINE INSTRUCTION ON INSTRUCTOR EFFECTIVENESS AND LEARNING OUTCOMES**

Wednesday, April 5, 2023 10:00 AM Salon A

In March 2020, COVID-19 forced college campuses to close and pivot to offering classes in an online format. For nearly two years, students learned in these alternative modes of instruction. This study analyzes ten years' worth of instructional data from a California business school to determine the effects of online instruction on quality of instruction. The results of this analysis show that online instructional modes were strongly correlated with lower instructor effectiveness, lower student engagement, and lower instructional rigor. These findings have implications for the future of online instruction in higher education.

Paper ID: 74 **ETHICS TRAINING FOR SENIOR LAW ENFORCEMENT LEADERS**

Friday, April 7, 2023 10:00 AM Salon B

Law enforcement officers and their leaders play a critical role in society. Given the expanding range of responsibilities within the law enforcement officers' duties, it is essential that they be men and women of strong ethical competence. How do police professionals in leadership positions serve effectively while maintaining high standards of ethics? In this study, interviews of law enforcement leaders throughout the United States provided unique insight into the philosophy of the need for ethics training at the executive level. The lack of formalized ethics training, its implications on police leadership, and potential solutions are addressed in this article.

Paper ID: 75 **INSTAGRAM**

Wednesday, April 5, 2023 10:00 AM Salon C

This case follows the trajectory of a high-tech company that started with a founder's passion who developed an application that had appeal and scalability. As such it is an excellent example of a technological innovation that received VC funding, obtained popular acceptance and growth from an idea to harvest. The company faces numerous external issues from government, societal, and parental concerns to younger generations who are prone to adopt the latest and greatest social media platform.

Paper ID: 78 **NATIVITY-BASED DISCRIMINATION: THE EXPERIENCE OF ASIAN AMERICANS IN THE WORKPLACE**

Thursday, April 6, 2023 1:00 PM Salon D

Based on perpetual foreigner stereotype, this paper investigates nativity-based discrimination against Asian Americans in the workplace. Using survey data, study 1 demonstrated that U.S.-born Asian Americans were less likely to report experience of discrimination than were foreign-born Asian Americans in getting jobs and promotions. Using experimental methods, study 2 showed that Asian Americans that failed to provide explicit information about their nativity were more likely to be perceived as foreign than were U.S.-born Asian Americans and Whites regardless of nativity condition. Further, the perception of foreignness negatively impacted the evaluator's propensity to hire the candidate.

Paper ID: 81 **EXPLORING THE CONSTRAINTS TO LEGAL RECREATIONAL CANNABIS MARKET GROWTH IN THE COUNTY OF LOS ANGELES**

Friday, April 7, 2023 10:00 AM Salon B

We examine the constraints to legal recreational cannabis market growth in Los Angeles County, policy reforms to overcome these constraints, and the potential outcomes if constraints are removed. Since the legalization of recreational cannabis across California in 2016, the market has grown substantially. However, limited municipal licensing, high taxes, limited participation by women and minorities, banking and financing issues, and equity ordinances have placed important barriers to entry for new businesses, as well as constraints on market growth. Moreover, long established unlicensed and "grey" operations—which have lower regulatory costs and higher enforcement costs—provide uneven competition for licensed firms.

Paper ID: 82 **ANALYSIS OF RIDE-SHARING QUALITY OF SERVICE PRE- AND AMID COVID19 PANDEMIC USING ADVANCED TEXT MINING TECHNIQUES—USA VS INDIA CASE STUDY ACROSS DIFFERENT GENDER AND AGE**

Thursday, April 6, 2023 3:00 PM Salon B

To examine factors influenced riders' opinion changes on the quality of ridesharing services after the COVID-19 outbreak, 73,528 tweets from January 1st, 2019 to April 30th, 2022 were collected from Twitter. The Latent Dirichlet Allocation model is used for topic modeling and filters out topics related to ridesharing quality of service (QoS). The Bidirectional Encoder Representations is conducted to determine riders' sentiment (accuracy: 87%). This paper considers topic occurrence and trend change as sentiment time series variables, which have rarely been studied before. The results of this study can contribute to the ridesharing companies' ability to deliver a higher QoS.

Paper ID: 83 **A NEW METHOD FOR THE RIDESHARING SERVICE ANALYSIS BASED ON GRAPH CONSTRUCTION — THE USA CASE STUDY ACROSS DIFFERENT AGE AND GENDER GROUPS PRE- AND POST-COVID-19 PANDEMIC**

Wednesday, April 5, 2023 10:00 AM Salon D

A multivariable time series deep learning-based method is proposed in this paper where the Latent Dirichlet Allocation is used for modeling the multi-variable time series features, while the Bidirectional Encoder Representations (BERT) is used for extracting sentiments applying on Twitter data . The sentiment of each tweet in each group (in time series) is extracted using BERT (accuracy: 92%). The correlation between sentiment, users' characteristics and time series are analyzed based on the multi-logit model, with 0.000 significant performance. Our methodology considers the change in occurrence, trend of topics, and sentiment time series feature, which have been hardly explored before.

Paper ID: 84 **PREVENTIVE REPLACEMENT WITH RANDOM PRODUCTION RATE**

Wednesday, April 5, 2023 8:00 AM Salon C

A mathematical model is presented for the optimal timing of preventive replacement of equipment with random production rate. If the equipment is replaced too early, then the future production volume is lost, and if too late, then because of the operation cost and decreasing production rate the operation of the equipment becomes economically ineffective. The life cycle cost and benefit per unit time are random, the net cost has to be minimized. Both expectation and variance are minimized leading to a multi objective programming problem, solved to find the optimal balance between cost and benefit during an operation cycle.

Paper ID: 85 **A SEAMLESS ALTERNATIVE METHOD TO SIMULATE AN UNKNOWN DISTRIBUTION MULTIVARIATE DATASET**

Wednesday, April 5, 2023 1:00 PM Salon D

Simulation scholars widely refer to the Cholesky decomposition technique and its derivatives to generate datasets from a given correlation/covariance matrix. Apart from the complexity of this technique, the inaccuracy of the output is a matter of this research. Employing linear integer programming (LIP), we introduce an algorithm to solve a system of linear equations using the sample size, the moment of distribution about the means (mean, variance, skew, and kurtosis), and covariances between the original dataset's variables. We generate a new dataset which its properties and sample size perfectly match the original dataset.

Paper ID: 86 **MEASURING KNOWLEDGE MANAGEMENT IN SUPPLY CHAINS: A REVIEW AND PROPOSAL**

Wednesday, April 5, 2023 10:00 AM Salon G

Knowledge management (KM) in supply chains (SC) involves numerous specific activities such as knowledge creation and application. This study first reviews over 30 different measurements of KM and observes three common problems, which raise a need for creating a new measurement. Driven by knowledge chain theory (KCT), this study proposes measuring KM using nine KCT items and tests this new measurement in the setting of supplier development. Using a survey of SC professionals, this study examines reliability and validity of the new measurement from both buying and supplying firms and shows that the first-order measurement model works better.

Paper ID: 87 **UTILIZING UNIVERSITY RESOURCES TO PROMOTE STUDENT WELL-BEING AND STRESS COPING STRATEGIES IN HIGHER EDUCATION**

Thursday, April 6, 2023 10:00 AM Salon A

The unprecedented COVID-19 pandemic has been significantly impacting well-being and academic performance of university students in many aspects. This study investigates key factors that co-vary to impact well-being and stress coping strategies of university students during the pandemic semesters and post-pandemic recovery. Preliminary findings are reported on key strategies and university resources that can be better deployed to promote student well-being and academic performance in higher education. The study further develops a data-driven model that articulates a nomological network of interrelationships of key phenomena of higher education. The study contributes to higher education research and administration.

Paper ID: 88 **THE SOCIAL MAXIMIZER: WHY THOSE WHO DESIRE THE BEST PURSUE ENTREPRENEURIAL VENTURES WITH A SOCIAL MISSION**

Thursday, April 6, 2023 10:00 AM Salon B

Maximizers will seek out more information and options when making decisions based on their desire to find the best. In contrast, satisficers can move forward when they find options that meet their minimum standards without continuing their search to find something better. The current study investigates whether maximizers (vs. satisficers) are more likely to start socially oriented businesses among a sample of U.S. students. Results suggest that maximizers have greater social entrepreneurial intentions than satisficers as they attempt to improve social problems through new business opportunities.

Paper ID: 89 **THE IMPACT OF MODEL-BASED SYSTEMS ENGINEERING (MBSE) ON THE FUTURE OF MANUFACTURING AND PROCUREMENT**

Friday, April 7, 2023 8:00 AM Salon B

The 2018 National Defense Strategy set forth a vision to modernize the Department of Defense (DoD) engineering approach by developing digital authoritative data sources to replace legacy paper documents.1 Implementing a Model-based Systems Engineering (MBSE) approach for procurement activities facilitates collaboration on product manufacturing information (PMI) and allows "Digital Twins / Digital Threads" of these authoritative sources to be extracted for supply chain optimization. The Digital Thread incorporates business, contextual, and sensor data from physical systems (or processes) into the virtual system model of the digital twin to facilitate analyses, circumvent manufacturing problems, and develop informed technology roadmaps for DoD suppliers.2 This paper will provide insight on how MBSE is changing manufacturing strategies and the impact on procurement of DoD systems.

Paper ID: 91 **THE CURRENT AND FUTURE IMPACT OF EMPLOYEE RETENTION IN THE "POST-COVID" JOB MARKET**

Thursday, April 6, 2023 10:00 AM Salon C

The COVID-19 pandemic significantly impacted how businesses across the nation must operate to stay competitive in retaining staff members while being 'attractive' to potential new hires. With the current economic trend of the Great Resignation, employees are resigning in masses and moving on to other companies that provide the benefits and conditions employees seek (i.e., increased wages, working remotely, etc.). Replacing staff is expensive, and preventing unwanted turnover is critical for the success of the Department of Defense.1 Sustainable, inclusive growth requires changing workplace culture to maximize the contributions of all employees.2 The presented research will provide insight into the impact of civilian employee retention in the "Post- COVID" Job Market and how the Department of Defense must strategize the way they operate to stay competitive.

Paper ID: 92 **COMBINING NLP WITH A SENSEMAKING LAYER AS APPLIED TO OSINT**

Thursday, April 6, 2023 8:00 AM Salon C

AI capabilities have made significant advancement in the last decade, particularly around NLP capabilities. In parallel, OSINT has become massive in volume are relatively easy to access and collect. These advancements have given rise to a new class of challenges and opportunities – the ability to make sense of the mountain of information available; to find the signal in the noise. Finding the signal leads to tremendous advantages in decision making, speed of execution and operational support. We will explore the need and impact of a sensemaking layer on top of the mountain of OSINT material.

Paper ID: 93 **WHEN SMALL DATA > BIG DATA**

Thursday, April 6, 2023 8:00 AM Salon C

It's generally accepted that the big data era began in 2006, fueled by the Hadoop technology. Tremendous gains were realized in data volumes as we rapidly move from terabyte class to petabyte class data stores. This was a blessing and a curse. The next evolution in insight and decision science will be a return to small data – use case specific, high impact, SME curated and vetted data, rapidly delivered and applied in context. Small data can lead to rapid, accurate decision making within context for greater impact and precision.

Paper ID: 94 **FUTURE APPLICATIONS OF MICRO BATTERY POWER SOURCES**

Friday, April 7, 2023 8:00 AM Salon B

Innovation in extended range electronic platforms, such as unmanned vehicles, has been spearheaded by the miniaturization of microelectronics and high density energy sources through space claim reduction and microstructure resolved electrochemical simulations.1,2 The next evolution of micro lithium-ion batteries features high capacity, quick charging power sources in a lightweight, compact envelope that are compatible with MEMS fabrication.3 Mass production of these micro batteries will support the DoD's ability to maximize mission durations of unmanned vehicles with increasingly smaller radar cross sections. This work will present future applications of micro battery power sources in support of battery powered microelectronic platforms in the defense industry.

Paper ID: 95 **IMPACT OF COVID ON SMALL BUSINESS**

Thursday, April 6, 2023 10:00 AM Salon C

COVID-19 has had a substantial impact on businesses, specifically small businesses1. The government lockdown was responsible for the temporary and permanent closure of many small businesses. While the economic downturn was widespread, the level of impact varied dependent upon location and industry3. With small businesses accounting for 75% of DoD suppliers, the financial impact of COVID on these businesses will affect the supply chain of parts, pieces, and components (PPC) required to maintain DoD weapon systems2. This paper will provide insight into how the DoD will likely be impacted as small businesses attempt to stay operational in the post-pandemic economy.

Paper ID: 96 **FACILITATING THE GROWTH OF THE INDUSTRIAL AUTOMATION INDUSTRY**

Friday, April 7, 2023 8:00 AM Salon B

Robotics installations saw a significant increase in 2021 with 31% more robotic systems installed and a 2016-2021 CAGR of 11%.1 Demand for autonomous solutions is expected to continue its upward trajectory with a +7% p.a. through 2025 forcing manufacturing facilities to turn towards automation to remain competitive.2 The continued effort to achieve industry 4.0 and IIOT will greatly benefit from the boom in automation. This paper will provide oversight into the factors facilitating this continued growth and discuss strategic decisions that will aid the Department of Defense in rapidly adapting to technological advances in industrial automation.

Paper ID: 98 **IMPACT OF INFORMATION SHARING THROUGH HEALTHCARE INFORMATION TECHNOLOGY (HIT): A SYSTEMATIC REVIEW**

Thursday, April 6, 2023 3:00 PM Salon B

With accelerated growth in healthcare information technology (HIT) over the past decade, understanding the impact of information sharing across HIT applications is warranted. We conduct a systematic literature review of articles from supply chain, healthcare, and information systems management fields, totaling 5058 articles. Among our final sample of 63 articles, 40% of the articles show that healthcare organizations primarily develop HIT to add value to their in-house operations by using clinical-level applications. 32% of the articles show that information sharing through HIT improves primarily productivity of the organization, and is less focused on improving quality or cost outcomes.

Paper ID: 100 **CONSTITUTIONAL RIGHTS AND SUPPORT FOR GUN CONTROL IN CALIFORNIA**

Friday, April 7, 2023 10:00 AM Salon B

The First and Second Amendments establish the constitutional rights to free speech and to bear arms in the United States, yet neither of these rights is absolute and considerable friction between these two rights exists. Perceptual research on constitutional rights and gun control can help inform policy. Data from a survey conducted in California in the summer of 2022, will be utilized to test the relationship between agreement with the First and Second Amendments and support for gun control, while controlling for other theoretically relevant variables. The implications of the findings and policy recommendations will be discussed.

Paper ID: 101 **EXPLORING THE CONSISTENCY OF BICYCLIST COUNT BETWEEN TYPICAL PERMANENT COUNTER DATA AND EMERGING CROWDSOURCING DATA**

Wednesday, April 5, 2023 8:00 AM Salon C

There are typical methods for collecting bicyclist counts like permanent counter count. However, some emerging method utilizing crowdsourced data, (e.g. StreeLight) also benefits from some advantages. This paper aims to conduct a consistency checking between StreetLight count data and permanent counter data. The differences and similarities between the two types of data was evaluated through a number of statistical methods such as T-Test, Wilcoxon Test, Linear Regression R-Squared, Pearson's Correlation Coefficient, Spearman Correlation, and Kendall's Tau Correlation. The results of these tests and measures reveal that StreetLight can be a suitable alternative for permanent counter in terms of consistency.

Paper ID: 102 **FAILED BANK ASSET RECOVERY: THE INFLUENCE OF DEPOSITS AND LOAN EXPOSURE**

Friday, April 7, 2023 10:00 AM Salon C

This study explores the impact of the balance sheet choices of failed bank on asset recovery rates during the Great Recession. We find asset recovery rates are lower for banks with higher exposure to real estate loans and regions with more volatile housing prices, while relying on brokered deposit. This suggests that asset recovery rates are lower as a consequence of banks' choice to fund loans by brokered deposits, to pursue aggressive growth strategies via riskier loans lent in more volatile locations. Finally, this research will shed valuable lights for policy makers in dealing with assets of failed banks.

Paper ID: 104 **STRATEGIC COMMERCIALIZATION OF MIGRANT**

Thursday, April 6, 2023 1:00 PM Salon B

With immense challenges to rising poverty and inequality, migrants present an opportunity for strategic commercialization. This study examines the strategic commercialization of migrants in Europe based on a literature review and 27 interviews. According to the respondents, migrants' flow is facilitated by a network of governmental and private constituents who invest in victims of economic, social, political, and environmental calamities. Once the victims are loaded with debt and compounded interest in their country to pay for their journey, they are pushed out of their habitual setting and lured to a predetermined destination that preconditions them for involuntary servitude.

Paper ID: 105 **INSTITUTIONAL INVESTORS AND BANK RISK EXPOSURE: THE ROLE OF OWNERSHIP CONCENTRATION ON CAMELS AND INVERTED Z-SCORE**

Friday, April 7, 2023 10:00 AM Salon C

We study how bank risk exposure – measured by CAMELS indicators and inverted Z-score – is shaped by various types of institutional investors: active vs. passive, quasi-indexer and dedicated vs. transient, and long-term vs. short-term. We find lower risk exposure for banks with larger institutional ownership but more importantly, concentrated ownership among active, quasi-indexer and dedicated, and long-term institutions. In contrast, we find higher risk exposure for banks with concentrated ownership among passive, transient and short-term institutions. We also provide further evidence about the statistically and economically significant impact of various types of institutions on all thirteen CAMELS indicators.

Paper ID: 108 **USING A LONGITUDINAL APPROACH TO EXAMINE RELATIONSHIPS BETWEEN SIX SIGMA AND CORPORATE SOCIAL RESPONSIBLTY (CSR) ON FINANCIAL PERFORMANCE OF FINANCE SERVICES INDUSTRY**

Wednesday, April 5, 2023 3:00 PM Salon G

We investigate the moderating effect of Six Sigma programs on the relationship between CSR and firm performance in the finance services industry (e.g., banking and insurance). Drawing upon both CSR and Six Sigma literature, we propose and test several hypotheses applying the panel analysis. Our results show that Six Sigma and CSR enhance the firm performance and that the interaction between Six Sigma and CSR also improve the firm performance. This study is among the first to empirically test the effect of CSR on firm performance by explicitly considering how Six Sigma applications can moderate the efficacy of this relationship.

Paper ID: 110 **THE ADVERTISING IMPLICATIONS OF THE DYNAMICS IN MILLENNIALS' EVALUATIVE CRITERIA: COMPARING PRINT, BROADCAST, AND THE INTERNET**

Wednesday, April 5, 2023 3:00 PM Salon C

Advertisers are spending huge sums of money on print, broadcast, and internet media to reach Millennials. Nevertheless, their effort to reach the cohort has been frustrated by rapidly changing communication technologies, the pandemic, and the shift in their media habits. Based on online group chats, complemented by the Delphi method, the study explores Millennials' evaluative criteria in choosing print, broadcast, and internet media. The findings suggest that Millennials are preoccupied with access, control, content, and streaming options. Their preferences are influenced by convenience, availability of content, and time shift issues.Keywords: Millennials' changing media habits, Millennials' media choice criteria

Paper ID: 113 **SERVING THE UNDERSERVED: IMPACT OF THE LOW-INCOME DESIGNATION ON US CREDIT UNION FINANCIAL PERFORMANCE**

Friday, April 7, 2023 10:00 AM Salon C

The low-income designation, which provides regulatory waivers and operational assistance to credit unions who serve low-income members, is one type of US governmental program promoting financial inclusion. Despite the increasing occurrence of low-income designation, the impact on credit union financial performance is unclear. The present study employs regression analysis using panel data to assess the impact of low-income designation. The study finds the low-income designation and usage of attendant regulatory benefits are positively associated with credit union financial performance. These findings provide insights for credit union practitioners and regulatory agencies regarding the sustainability of credit unions who serve the underserved.

Paper ID: 114 **INTEGRATING WORKFORCE DEVELOPMENT INTO BUSINESS ANALYTICS CURRICULUM DESIGN AT A MINORITY-SERVING UNIVERSITY**

Friday, April 7, 2023 10:00 AM Salon A

In today's technologically pervasive workplaces, employers immediately demand analytical and problem-solving skills. This work will present the design and implementation of a workforce-oriented curriculum design – "Using NVivo to Analyze LinkedIn Job Ads". Informed by project-based learning studies and workforce development practices, this course design allows students to build their analytical and digital skills while enhancing their knowledge about the job market demands for graduates of their majors. Workshop attendees will learn about program design, students' reflections, implementation challenges, and strategies while reflecting on student learning goals and the potential opportunities for integrating workforce development in their teaching.

Paper ID: 115 **EXPLORATION OF THE IMPACTS OF TRANSPORTATION AND SOCIOECONOMIC FACTORS ON PUBLIC HEALTH IN US CITIES**

Thursday, April 6, 2023 10:00 AM Salon D

The exploration of transportation and socioeconomic factors on public health plays a crucial role in the development of comprehensive city planning. The data used for this study include transportation, socioeconomic, and health factors gathered for 69 cities in the United Stated. This data contains various variables such as transportation facilities, populations, income levels, land area, and health indicator rates. A variable importance ranking was employed using random forest method prior to discovering the linear associations between the independent and dependent variables. The results and findings of this paper are expected to produce more insights to transportation agencies and practitioners.

Paper ID: 116 **USING PROBLEM-BASED LEARNING (PBL) CONTINUUM TO TEACH SOFT SKILLS IN THE GOVERNMENTAL ACCOUNTING COURSE**

Wednesday, April 5, 2023 8:00 AM Salon A

Over several decades accounting professional organizations have advocated the need for business/ accounting students entering their profession to be able to communicate, work on teams, and perform analytical thinking (i.e., technical and soft skills). To integrate these skills into the Governmental Accounting course, six continuum PBL approaches (e.g., problem-initiated learning) have been utilized at several universities in different regions of the country. The PBL projects/cases were created/located using the Backward Design method (e.g., starting with the accounting professional skill sets). One or more of these teaching approaches can be used to assist students in learning.

Paper ID: 118 **HUMAN CAPITAL, R&D-MANUFACTURING INTEGRATION, AND PERFORMANCE: EVIDENCE FROM TAIWAN TECHNOLOGY-BASED YOUNG FIRMS, 2002–2016**

Thursday, April 6, 2023 10:00 AM Salon B

This paper explores the impact of young technology-based firms' human capital and organizational demography on their early-stage performance. The empirical analysis relates to a sample of 152 young firms and 1,049 entrepreneurial team members. The study provides evidence of two factors, namely, human capital and organizational demography. The human capital of team members with prior background affiliation, advanced professional education, and global work experiences help a firm's performance. Furthermore, our study identified three characteristics of organizational demography: functional diversity, the combination of chairman and C.E.O. positions, and R&D-manufacturing integration that could explain the impact on young firms' performance.

Paper ID: 119 **TRANSACTION-BASED LENDING AND REAL EARNINGS MANAGEMENT**

Friday, April 7, 2023 10:00 AM Salon C

This study examines how lenders alter their behavior when faced with real earnings management (REM). We use the incremental R-square approach as in Kim and Kross (2005). As REM primarily affects the Income Statement, we find that lenders rely less on Income Statement ratios in making credit decisions in the presence of REM; however, they do not alter their reliance on Balance Sheet ratios when faced with REM. The findings of this paper could also help practitioners (borrowers and lenders) to understand how REM affects credit decisions.

Paper ID: 121 **THE AMERICAN DREAM: STARTING AND GROWING A BUSINESS AS AN IMMIGRANT**

Thursday, April 6, 2023 8:00 AM Salon B

This case details Lorena Cantarovici's experiences with starting and growing her award-winning restaurants: Maria Empanada. Lorena (an Argentinian immigrant) came to Colorado to learn English and stayed. Homesick for her childhood empanadas, she made empanadas and sold them to her friends. Her first break came when a caterer placed a large order for empanadas. To meet increasing demand, she opened several restaurants. Lorena addressed the pandemic by closing some restaurants and changing her business model. The case provides insights into issues immigrants might encounter when starting and growing businesses in dynamic environments while maintaining the values of their homeland cultures.

Paper ID: 122 **EXPLORATION OF THE INTERACTION MECHANISM BETWEEN THE CHINESE GOVERNMENT AND GENERAL PUBLIC OVER SOCIAL MEDIA, REGADING CHINA'S SELF-IMAGE AND SINO-US RELATIONSHIP**

Thursday, April 6, 2023 3:00 PM Salon D

This study aims at exploring the mechanism of interaction over social media between Chinese government and Chinese public on China's self-image and the relationship between China and US. This study develops a metric to measure the effect of government's agenda setting on public opinions. It constructs a preliminary model for the patterns of Chinese government's agenda setting on social media and Chinese public's reactions to the government's agenda setting efforts. This model takes into account social media infrastructure, economic development level, user education level, and other factors that could moderate or mediate the above interactions between government and the public.

Paper ID: 123 **ESG DISCLOSURES IN THE TECHNOLOGY SECTOR**

Wednesday, April 5, 2023 3:00 PM Salon G

The technology sector is exposed to ESG risks associated with direct and indirect operations, internal and external stakeholders, and legal and regulatory constraints. The recent trend in supply chain diversification also brings new challenges. Mitigating ESG risk could help improve brand value and avoid unnecessary cost increases stemming from supply chain disruptions, reputation damage, regulatory fines, or litigation. However, a review of Bloomberg ESG disclosure data shows that technology firms do not have a high ESG disclosure in contrast to other industries. This study analyzes ESG disclosure effects on ESG risks and the firm's profitability and supply chain agility.

Paper ID: 124 **THE IMPACT OF AUDIT REPORTS' CRITICAL AUDIT MATTERS REQUIREMENT ON AUDIT REPORT LAGS AND AUDIT FEES**

Wednesday, April 5, 2023 1:00 PM Salon A

The impact of the Public Company Accounting Oversight Board's (PCAOB) audit standard that requires the disclosure of Critical Audit Matters (CAM) in the audit report of public filers has not been widely investigated in the literature. We provide empirical evidence on the relationship between CAM disclosures and audit report lags as well as audit fees. We find that a larger number of CAM disclosures reported is associated with longer audit report lags and higher audit fees, which suggests that the auditors may undertake a larger workload when undertaking an audit that results in a larger number of CAM disclosures.

Paper ID: 127 **COVID AND EARLY CHILD EDUCATION: CASE STUDIES OF INNOVATIVE PRE-SCHOOL APPROACHES DURING THE PANDEMIC WITH SUGGESTED TAX SUBSIDIES**

Wednesday, April 5, 2023 10:00 AM Salon A

Early childhood programs hold a firm anchor in the comprehensive education landscape. During the COVID-19 pandemic the federal Head Start program was shuttered nationwide as were many informal preschool facilities. Meanwhile, wealthier parents used unique neighborhood "learning pods." This paper will examine these models along with the informal care of family or friends. A cost-and-benefit analysis will focus on the disparate impacts on the various stakeholder groups. In addition, the paper discusses pertinent tax proposals including a refundable dependent care credit, a reinstated per child credit for young children, a generous earned income credit, and an expanded employer leave credit.

Paper ID: 129 **WARRANTY AND CONSUMER QUALITY PERCEPTION STUDIES IN THE REMANUFACTURING INDUSTRY**

Wednesday, April 5, 2023 3:00 PM Salon G

We formulate a two-period model to study two warranty offering strategies for a manufacturer who produces and sells a new product in the first period and both new and remanufactured products in the second period. The product quality is unobservable to consumers before purchase. Consumers make purchase decisions based on their perception of product quality, which is based on quality signaling information such as product warranty and the manufacturer's quality reputation. Under this setting, the manufacturer chooses to offer one of the two warranty strategies.Keywords: warranties, remanufacturing, quality perception, optimization

Paper ID: 130 **USING SPREADSHEET TO SIMULATE BASIC STOCHASTIC MODELS**

Thursday, April 6, 2023 10:00 AM Salon D

This paper presents a basic approach for illustrating complex probability models using spreadsheets as a simulation tool. We will illustrate this approach by using three popular probability examples. Our targeted audience is practitioners in business professions and those with less rigorous training in computational mathematics. Modeling and Simulation are well known as efficient and effective alternatives to analytical methods in solving many businesses, engineering, and scientific problems. These models are easily understood and can be tweaked for further exploration, and more importantly, they are risk-free, and cost-effective in terms of experimentations of "What-If" analysis. . . .

Paper ID: 132 **FIGHTING COLLEGE ATTRITION THROUGH TIMELY INTERVENTIONS AND MACHINE LEARNING**

Wednesday, April 5, 2023 1:00 PM Salon D

In this work, we explored the many causes of attrition and created models to predict students at risk of discontinuing their education. The objective of our study is to help administrators identify students at risk of attrition, so they may intervene and keep students on track to obtain their degrees. We utilized machine learning classification methods to build CatBoost, LightGBM, XGBoost, and Random Forest models, designed to assign a probability of attrition to each student, based on demographic, pre-collegiate, and academic features. We then evaluated the performance and appropriateness of each model to determine how it applies to administrators.

Paper ID: 133 **EXAMINATION ASSOCIATION OF ALTERNATIVE CRASH TYPES IN CALIFORNIA**

Thursday, April 6, 2023 3:00 PM Salon C

In the current traffic safety, considerably less studies have been dedicated to evaluating the association of different crash types. This paper aims to assess the fill the gap using seven city-level crash types including alcohol, bicyclists, hit and run, nighttime, pedestrians, speed, and motorcyclists. The goal is achieved through a Pearson's correlation coefficient test along with k-means clustering algorithm. The findings of the paper can assist city planners, policymakers, and pertinent transportation and local agencies in improving safety levels and establishing adequate mitigation measures.

Paper ID: 134 **CREDIT DERIVATIVES AND CORPORATE ESG PERFORMANCE**

Thursday, April 6, 2023 8:00 AM Salon G

Credit default swap trading has a positive effect on the firm's ESG performance measured by ESG ratings. This effect is concentrated on ESG strengths rather than the concerns. The proposed empirical connection remains valid with different endogeneity controlling methodologies, model specifications, and ESG performance measures. We find the effect is more pronounced with firms that have higher debt dependence. Besides, CDS trading improves the ESG performance more for firms with stronger bank relations and more restrictive covenants. Our findings reveal the real effects of credit derivative trading on firms' ESG performance and rating.

Paper ID: 135 **THE STATE OF INFORMATION SYSTEMS CURRICULA ACCORDING TO IS2020 COMPETITENCIES FRAMEWORK**

Friday, April 7, 2023 10:00 AM Salon A

To address the needs of future Information Systems (IS) professionals, the current IS2020 Task Force developed a competency-based model for undergraduate programs. The model focuses on the graduate's ability to apply knowledge, skills, and dispositions to effectively perform their work. Overall, IS2020 identifies nine competency areas in six competency realms.This study collected 2,172 core courses offered by 343 undergraduate IS programs in the U.S. The title and description of the courses were mapped to the IS2020's nine competency areas. The results present a panoramic snapshot of the IS core offered in the nation from the perspective of IS competencies.

Paper ID: 136 **THE ATTITUDES TOWARD ARTIFICIAL INTELLIGENT APPLICATIONS: AN INVESTIGATION BASED ON INNOVATION RESISTANCE THEORY**

Wednesday, April 5, 2023 8:00 AM Salon B

Artificial intelligence (AI) has been widely used by companies in their quest for digitaltransformation. Numerous low-level jobs have been replaced by AI because of its strong ability tohandle repetitive tasks; however, this replacement process has increased new graduates' chances ofunemployment. Based on the innovation resistance theory, we investigated new graduates' attitudestoward competition with AI in the job market. The findings of this study might serve as a reference forhuman resources staff in organizations that have implemented AI to determine whether new graduatesare a good fit for the company.

Paper ID: 139 **COMPARING CORRELATION BETWEEN IMAGE RESOLUTION AND MASK R-CNN MODEL TRAINING TO PREDICT ROAD STRESS INSTANCES**

Wednesday, April 5, 2023 8:00 AM Salon C

Automated detection allows for efficient recognition of road stress. Automated detection of road stress in this study - will be done using a Mask Regional-Convolutional Neural Network (Mask R-CNN) backbone model to train a road stress detection algorithm. The same Mask R-CNN model will be used to predict road stress instances on public roads in three different image resolutions. The image resolutions which are to be compared are 720p, 1080p, and 4k. The authors seek to determine which of the three image resolutions would serve as the most accurate basis for road stress prediction using a Mask R-CNN backbone model.

Paper ID: 142 **IDENTIFICATION OF FACTORS ASSOCIATED WITH PUBLIC HEALTH WORKFORCE RESILIENCE**

Wednesday, April 5, 2023 3:00 PM Salon G

The purpose is to identify the resilience factors of public health workers. During disasters, public health workers play a critical role in protecting public health. When not managed effectively, poor performance and thus inferior public health could be observed due to high levels of stress or elevated adversity in the workplace. To understand the influencing factors of public health worker resilience, we conducted a comprehensive and systematic literature review. This paper reports the resilience factors, categorizes whether they are individual characteristics or external environmental factors and suggests the corresponding interventions that could enhance the resilience of the public health workforce.

Paper ID: 143 **CARS FOR CHARITY: IS IT A SCAM, OR, IS IT A SCAM?**

Thursday, April 6, 2023 3:00 PM Salon A

Anybody remember the tax shelter industry of the early nineteen-eighties? Well there is at least one current industry related to tax benefits, real or not real. That industry involves contributions of vehicles and similar properties to charities. Aggressive adverting programs promise tax benefits to contributors who only benefit if they itemize their deductions. Less than 15 percent of individual taxpayer returns report itemized deductions and for-profit industries usually benefit from fees for towing, auctioning and otherwise facilitating the related transactions.

Paper ID: 144 **MANAGEMENT EMOTION AND FIRMS' IT INVESTMENT DECISIONS**

Wednesday, April 5, 2023 3:00 PM Salon D

Firm's strategic IT investment is an investment decision managers make regarding strategically deploying and developing IT assets and capabilities. It is fundamental in the shaping of their information systems. This paper investigated the impacts of management emotion on firms' strategic IT investments. Based on 175 annual reports of 35 companies from retail industry in a 6-year period (i.e., 2016-2021 fiscal year), we applied sentiment analysis to retrieve emotion tunes embedded in each report and analyzed their relationship with firms' strategic IT spendings in the following years. Our results show that positive management emotion promotes firm's IT investments

Paper ID: 145 **USING NON-ORIENTED EQUILIBRIUM EFFICIENT FRONTIER DEA APPROACH TO EVALUATE FIXED-SUM-OUTPUTS DMUS**

Wednesday, April 5, 2023 8:00 AM Salon G

Equilibrium efficient frontier DEA approaches are developed to measure efficiency levels of decision-making units with fixed-sum outputs. However, present approaches in literature only evaluate either input or output efficiency. In this paper, we propose a new non-oriented approach which considers input excesses and output shortfalls jointly to assess the DMUs. This study obtain overall and discriminative efficiency results to assist actual managerial decisions. We further employ a Nash bargaining game to optimize the evaluation results. Finally, we illustrate this approach by a numerical example and apply it to 30 companies in the vehicle industry. Its performance surpass benchmarks in literature.

Paper ID: 146 **THE RELATIONSHIPS BETWEEN BOND YIELDS, THE CHICAGO BOARD OPTIONS EXCHANGE VOLATILITY INDEX (VIX) AND FIRM VALUATION: A STATISTICAL ANALYSIS**

Friday, April 7, 2023 8:00 AM Salon C

The CBOE Volatility Index (VIX) is calculated using current options prices, and since options are short-lived instruments, the prices incorporate some expectation of market volatility. In this paper, we investigate the statistical relationships between bond yields, VIX and valuation of firms. This statistical analysis reveals that increase in bond yields and CBOE Volatility Index (VIX) have a negative impact upon the firm's intrinsic value. The traditional 60/40 portfolio model (a mix of 60% stocks and 40% bonds) cannot be used as a hedge against the decline in stock prices during this "fighting inflation" period of the Federal Reserve's Monetary Policy.

Paper ID: 147 **HOW DO USERS ENGAGE ON A PRIVACY-BASED SOCIAL NETWORKING APP?**

Wednesday, April 5, 2023 1:00 PM Salon C

On social networks, users have different ways to interact with each other and engage. If people's identity is hidden or they do not self-disclose their information, engagement becomes difficult. This study proposes a research model to investigate triple trade-off between anonymity, disclosure, and privacy on a new privacy-based social network application. We used a combination of survey method (at two stages) and actual mobile app data to test the proposed model. Results indicate a negative relationship between anonymity and privacy concern. Surprisingly while perception of engagement is increased with anonymity, actual engagement is negatively influenced by anonymity.

Paper ID: 148 **ASSESSING PIONEERING ORIENTATION THROUGH EMBEDDEDNESS IN QUICK RESPONSE SUPPLY CHAINS**

Wednesday, April 5, 2023 3:00 PM Salon A

This paper aims to examine how embeddedness interacts with factors affecting pioneering orientation in quick response supply chains. A novel research model is developed which comprises 7 constructs and 7 research hypotheses, with embeddedness as a mediating construct. The hypotheses are tested on data collected from 266 major manufacturing firms in Taiwan, using structural equation modeling. The findings of the study provide useful insights into how supply chain members should reinforce localization, sensing capability, supply chain flatness, top management support and local-based demand so as to improve their embeddedness and in turn enhance pioneering orientation in quick response supply chains.

Paper ID: 149 **EXPLORING HOW SENSING CAPABILITY AFFECT SUPPLY CHAIN QUALITY MANAGEMENT**

Wednesday, April 5, 2023 3:00 PM Salon A

This paper presents a research model to examine factors influencing supply chain quality management. The model comprises four research hypotheses with five constructs. The constructs are measured by well-supported measures in the literature. Data are collected from 269 manufacturing firms that are among the top 2500 Taiwanese manufacturing firms listed by Business Weekly. The findings of the study provide useful insights into how supply chain members should reinforce supply chain agility, data synchronization and judgmental adjustments so as to improve their sensing capability and in turn enhance supply chain quality management for the supply chain as a whole.

Paper ID: 151 **MANAGING SUPPLY CHAINS UNDER IMMINENT DELAYS**

Wednesday, April 5, 2023 1:00 PM Salon D

Current research on risk management in supply chains primarily deal with managing operational risks, such as uncertainty in demand, uncertainties in supply lead times, and the like. Disruptive risks, such as the ones caused by natural disasters, labor disputes, terrorism, and international trade disputes are less studied. "Uncertainty and fear grow over Brexit", "China's Covid Crisis Threatens Global Supply Chains" are common newspaper headlines of recent years. This presentation will update the ongoing study that aims to develop quantitative tools based on linear programming to assist management decision-making when the delays are imminent or can be predicted with reasonable confidence.

Paper ID: 152 **COMBINING MACHINE LEARNING AND MILLIMETER WAVE TECHNOLOGY DEVICES TO BUILD AN ARTIFICIAL INTELLIGENCE WARNING SYSTEM FOR TARGETED TEMPERATURE MANAGEMENT PATIENTS**

Wednesday, April 5, 2023 8:00 AM Salon B

Targeted temperature management (TTM) is a clinical technology that has recently been promoted. It maintains the temperature of patients with cardiac arrest (and who have been rescued) at 32°C–34°C to lower the rate of cerebral oxygen metabolism in the patients, stabilizing their medical conditions. because of COVID-19, contactless healthcare and automatic systems have become increasingly critical. This study used millimeter wave technology, a non-invasive technique, to collect patients' physiological data to be fully informed about their physiological statuses. In addition to establishing a model for predicting TTM effectiveness, this study also verified the data collection effectiveness of millimeter wave technology.

Paper ID: 153 **A STUDY OF THE GREEN CATERING MANAGEMENT STRATEGY AND CORPORATE SOCIAL RESPONSIBILITY IN TAIWAN**

Wednesday, April 5, 2023 1:00 PM Salon B

Corporate ethics focuses on the individual decision-making and activities of employees, while corporate social responsibility is the moral behavior expressed at the corporate quality. Consumers have more diversified catering choices, green catering pays more attention to social responsibility when operating, competitive, but also integrating social factors, environmental protection, resource conservation, health of consumers' meals, and the quality of service is also improved customers values. This study takes Taiwanese vegetable restaurants as a case study, analyzes smallholders to promote CSR from new thinking from table to origin, staff selection, and training to enhance competitive advantage.Keywords: social responsibility、green catering、health、staff、competitive advantage

Paper ID: 154 **AN ANALYSIS OF RIDESHARING TRIP TIME PRE- AND POST-COVID-19 PANDEMIC USING ADVANCE TEXT MINING TECHNIQUE – THE USA VS INDIAN CASE STUDY ACROSS DIFFERENT AGE AND GENDER GROUPS**

Thursday, April 6, 2023 10:00 AM Salon G

To examine the views of users on the change in ridesharing trip time in the USA and India, 63,800 tweets from 1 January 2019 to 30 April 2022 were collected, specifying age, gender, and country. The Linear Discriminant Analysis is used for topic modeling. The Bidirectional Encoder Representation for the Transformer model is used for extracting the users' sentiment (87% accuracy). The correlation of sentiment with users' characteristics, country, and pandemic are analyzed based on the multi-logit model (sig. = 0.03).

Paper ID: 155 **BUILDING CULTURAL IQ AND CULTURAL SENSITIVITY: A SEMESTER AT SEA TEACHING EXPERIENCE**

Friday, April 7, 2023 8:00 AM Salon A

During the Semester at Sea (SAS) experience, faculty have the opportunity to serve as in the following roles: as trip liaisons, leading various student programs, while at port; as a teacher of 3 different academic courses during the semester, and leader of 3 different field classes in various countries related to the courses taught. The SAS experience is a learning opportunity for both students and faculty, and even the most seasoned travelers, expatriates and Fulbright Scholars can further build their cultural IQ and cultural sensitivity while exploring the world-approximately 11 countries, 11 cities and 3 or 4 continents.

Paper ID: 156 **RIDESHARING COST PRE- AND POST-COVID-19 PANDEMIC**

Thursday, April 6, 2023 10:00 AM Salon G

Post-pandemic, ridesharing provides a lot of discount policies to face the influence of the pandemic, but those policies have different effects in various countries and users group. To examine the views of different users on the change in ridesharing prices in the USA and India, 63800 tweets from January 2019 to April 2022 were collected. The Linear Discriminant Analysis is used for topic modeling and the Bidirectional Encoder Representation model is used for extracting the users' sentiment (81% accuracy). The results show that post-pandemic and in India, the sentiment is more positive, and the females are more positive than males.

Paper ID: 157 **THE INFLUENCE OF DISTRACTIONS, ACCOMPANIMENT TYPE, VEHICLE TYPE, AND STRESS ON PEDESTRIANS' WAITING TIME: APPLICATION OF IMMERSIVE VIRTUAL REALITY (IVR) AND ARTIFICIAL INTELLIGENCE**

Thursday, April 6, 2023 3:00 PM Salon C

This study aimed to test the influence of different distractors, vehicle types, and stress on pedestrian waiting time at intersections. The data was obtained through simulation adopting immersive virtual reality, in which 32 combinations of possible environments were tested. Distractors were visual and phone distractions, and accompaniment by a kid. These were tested in environments with different traffic volumes and vehicle types, either traditional or automated vehicles (AVs). Regularized Gradient Boosting Tree and Restricted Boltzmann Machine techniques were used to predict the waiting time. Associations between the predicted waiting time and other variables were analyzed using a Cox Proportional-Hazards model.

Paper ID: 158 **STOCHASTIC NOTIFICATION SCHEDULING WITH PUSH CONSTRAINTS**

Thursday, April 6, 2023 3:00 PM Salon B

In this research we address the push notification scheduling problem in which the user is allowed to specify a limited number of times for receiving push notifications. The user can also specify blackout time periods. The objective of this optimization problem is to minimize the total message (job) waiting time before a batch of messages is released/pushed to the user. How to allocate the restricted number of releases during the allowed time periods has a significant impact on the quality of service measured by the timeliness of the delivery of the jobs under certain user behavior and energy constraints.

Paper ID: 160 **EPISTEMIC INJUSTICE IN BIG TECH: KNOWLEDGE PRODUCTION, REPRESENTATION, AND INVISIBILITY**

Wednesday, April 5, 2023 3:00 PM Salon B

One important role for businesses, employees, and other stakeholders is as epistemic agents who know things, circulate knowledge, and are recognized as knowers. In addition to practical significance, this role also has moral valence. I build on the work on epistemic virtues and vices in business, bringing in more of the burgeoning philosophical literature on epistemic injustice. I then connect this theory to voluminous literature critiquing big data and big tech—spaces where knowledge practices are particularly helpful in illustrating the importance of epistemic justice and organizational accountability.Keywords: epistemology, epistemic injustice, epistemic virtues, big data, ethical theory, technology sector

Paper ID: 161 **TESTING THE RELIABILITY OF FUEL DISTRIBUTION TRUCKS USING SURVIVAL ANALYSIS**

Thursday, April 6, 2023 8:00 AM Salon C

In recent events, fuel supply and distribution has proven to be a large contributor to the success or failure of a military operation in response to a contingency. Any future near-peer conflict will stress the logistics supply chain and require fully operational vehicles to be ready and fulfill primary mission sets they support. Reliability of the fuel distribution trucks is crucial to meeting those mission sets in aerial operations globally. Utilizing the historical maintenance logs, including failure and non-failure data, to perform survival analyses of the fuel distribution trucks may assist in further improving readiness therates of the fleet.

Paper ID: 162 **STRATEGIC FRAMINGS BETWEEN RURAL & METRO REGIONAL GOVERNMENTS IN THE PACIFIC NORTHWEST: A DYNAMIC CAPABILITIES PERSPECTIVE**

Thursday, April 6, 2023 1:00 PM Salon B

This study extends current work on strategic framing into strategic decision making associated with regional economic development. Regional governments deploy strategic management steps including interpretation of internal/external task environments, choosing possible strategies, and implementing them towards advancing the interests of their communities. Viewing their strategies through a dynamic capabilities perspective, we analyze the Comprehensive Economic Development Strategy documents of counties in the Pacific Northwest. We identify strategic framing differences between metropolitan and rural regional decision makers in Washington, Oregon, Idaho, Northern California and Southern Alaska and discuss implications for business development in the respective regions.

Paper ID: 163 **A STUDY OF DISC PERSONALITY TRAIT, LEADERSHIP EFFECTIVENESS AND JOB SATISFACTION OF HEALTH CARE WORKERS**

Thursday, April 6, 2023 10:00 AM Salon B

This study uniquely explores the effects of Dominance, Influence, Steadiness, and Conscientiousness (DISC) personality traits on the relationships between perceived leadership style, leader effectiveness, and job satisfaction. The sample consisted of 248 healthcare workers. The findings for employees with D and C dominant personality traits demonstrated that perceived leadership effectiveness fully mediated the relationship between leadership style and job satisfaction ($p< 0.01$, path-coefficient 0.442). The results for employees with S and I dominant personality traits demonstrated a reversed path. Organizations should consider the specific dominant personality trait elements when developing strategies to nurture increased job satisfaction and overall leadership effectiveness.

Paper ID: 164 **THE IMPORTANCE OF DISTRIBUTED JUDGMENT IN BUILDING PREDICTIVE MACHINE-LEARNING MODELS**

Wednesday, April 5, 2023 8:00 AM Salon B

AI/ML model-building process is generally considered a well-structured task wherein judgment is needed towards the end of the pipeline after predictions are made. We believe that the role of judgment is grossly underestimated in the model-building process and argue that judgment is an important component throughout the different stages of the model-building process. We show that various judgments are needed in each stage of the model-building process (input data-model building and validation, prediction, and decision). In addition, we explain the effects of poor judgment during the upstream activities in model building on the downstream activities of making prediction and decisions.

Paper ID: 165 **DO PEOPLE REACT TO SENTIMENT DIFFERENTLY OVER TIME?**

Wednesday, April 5, 2023 1:00 PM Salon C

Previous research shows that sentiment of text influences its diffusion in social media. Each emotion can be located on a three-dimensional space formed by dimensions of valence (positive–negative), arousal (passive / calm–active / excited), and tension (tense–relaxed). While previous research has investigated the effect of different dimensions of emotion on information diffusion in social media, it is unclear whether people's reaction to sentiment is constant, or it changes over time. We propose a research model and test it using data collected from Twitter.

Paper ID: 166 **CLOSET-BUILDING VERSUS MINIMALISM: SELLING FEWER, BETTER PRODUCTS TO FASHION SENSITIVE CUSTOMERS**

Thursday, April 6, 2023 10:00 AM Salon G

Fashion sellers are sometimes critiqued for selling products with low durability, resulting in waste. Blame is also directed at consumers, who purchase new fashions despite having accumulated a closet full of prior fashions. The ``slow fashion'' movement encourages sellers to produce more durable products, but doing so implies added costs and potentially less frequent consumer purchases. We focus on the joint product-durability and pricing decisions of a firm that sells new fashion-product varieties over time. While slow-fashion, calling for durable products and infrequent purchasing, can be viewed from a philosophical perspective, our analyses economically bridge the slow- versus fast-fashion segments.

Paper ID: 167 **DETECTING FAKE NEWS: HOW DO GOVERNMENTS FOOL US?**

Wednesday, April 5, 2023 1:00 PM Salon C

People use social media to gather information about many things including events, people, and news. False information, or "fake news," has been present for as long as humans have had the ability to communicate with each other. Social media companies are working to implement systems to identify and combat it. These efforts can be challenged when dealing with coordinated campaigns by governments to manipulate the portrayal image of events. In this study, we investigate the events following the death of a 22-year-old Iranian girl while in police custody that embarked national and international outrage.

Paper ID: 168 **SOURCE OF PERFORMANCE INFORMATION AND EMPLOYEES' SUPPORT FOR TELEWORK POLICY INITIATIVES – A SURVEY EXPERIMENT**

Thursday, April 6, 2023 1:00 PM Salon D

Our study uses survey experiment to test the effects of two sources of performance information – citizens and public managers on employees' support for telework working policy changes. We hypothesize that employees are more likely to support telework policy change if given internal/positive performance information. We use survey experiments on public sector employee samples from both Hong Kong and the United States. The study offers evidence on whether source of performance information affects public employees' support for organizational policy initiatives. The study also provide valuable evidence to public managers and help them communicate and implement remote work policies successfully.

Paper ID: 170 **AN EXAMINATION OF THE ASSOCIATION OF GRIT WITH PERFORMANCE ENROLLED IN IN-PERSON VERSUS ONLINE CLASSES OF A FUNDAMENTALS OF FINANCIAL ACCOUNTING COURSE**

Wednesday, April 5, 2023 8:00 AM Salon A

This study investigates the role grit may play in the achievement of students in a fundamentals of financial accounting course and whether grit effects differ depending upon whether the students receive instruction via in-person or online zoom classes. Grit is generally thought of as a non-cognitive trait exhibited by individuals allowing them to work strenuously toward challenges and to maintain effort and interest over time. Achievement in accounting may be associated with grit as accounting presents a combination of concepts, processes, and mathematical challenges requiring persistent effort and practice. Investigating these associations can provide insights that can enhance student learning.

Paper ID: 172 **CONSUMERS' CHOICE BETWEEN THE COMPANY'S SELF-OWNED AND THIRD-PARTY PLATFORM ONLINE STORES**

Thursday, April 6, 2023 1:00 PM Salon A

In the e-commerce world, many companies have stores in third-party online platforms (TOS) and a self-owned online store (SOS) on their own websites. Although SOS and TOS are operated by the same company, consumers' perception of them is different. This paper examines the influence of platform reputation, risk attitude, four dimensions of perceived risk and trust tendency on consumers' store choice between a SOS and a TOS. The results showed that platform reputation and risk attitude had a significant effect on product performance risk and social risk, which significantly affected consumers' trust tendency and their choice between SOS and TOS.

Paper ID: 174 **INFORMATION SECURITY POLICY COMPLIANCE BEHAVIOR OF IT PROFESSIONALS**

Wednesday, April 5, 2023 3:00 PM Salon D

Based on their occupation, information technology (IT) professionals are directly involved in compliance with information security policies (ISP) within organizations. Drawing upon the Theory of Reasoned Action (TRA) and General Deterrence Theory (GDT), this study investigates the factors that influence ISP compliance behavior of IT professionals. Our hypotheses were tested using survey data from 324 IT professionals in the US, responses were collected through Amazon Mechanical-Turk. Our results show that organizational commitment, normative beliefs, risk, and perceived cost of non-compliance significantly impact ISP compliance of IT professionals. The study advances the literature on ISP compliance and IT workforce management.

Paper ID: 175 **AN EXAMINATION INTO STANDARDIZED PHYSICAL FITNESS ASSESSMENTS ACROSS AIR FORCE SPECIALTY CODES**

Thursday, April 6, 2023 8:00 AM Salon C

It is well known that performance measurement leads an organization. One of individual performance assessments is a physical fitness test in military. The physical fitness test in the United States Air Force includes three measures such as sit-ups, push-ups, and running. An outcome can be excellent, satisfactory or unsatisfactory. We compare fitness test results among three distinctive groups such as medical, security, and personnel specialties. Based on insights from the results, we propose improvement directions within the total quality management perspective.

Paper ID: 176 **THE IMPACT OF THE COVID-19 PANDEMIC ON PUBLIC PERCEPTION OF CRUISE TOURISM: INSIGHTS FROM A THEMATIC ANALYSIS OF TWITTER HASHTAG ENGAGEMENT**

Thursday, April 6, 2023 8:00 AM Salon A

We conduct a thematic analysis of hashtag engagement in a vast collection of tweets about cruise tourism that are posted on Twitter before and after the worst initial period for the cruise industry in the COVID-19 pandemic. Our analysis provides valuable insights into the impact of the pandemic on public perception of this tourism sector. The insights suggest an increasing demand for niche and specialty cruises and growing public attention to the sustainability of cruise tourism and its environmental impact.

Paper ID: 177 **MANAGING CONCURRENCY IN CYCLICAL PROJECTS UNDER STOCHASTIC TASK ENVIRONMENTS: VACCINE DEVELOPMENT PROJECTS DURING PANDEMICS**

Wednesday, April 5, 2023 10:00 AM Salon G

Aggressive overlapping of activities associated with vaccine development, approval, and gearing up for its manufacturing and distribution during the COVID-19 pandemic has been one of the major levers to make effective vaccines available to the public at "pandemic" speed. We provide a framework to manage the overlapping of stochastic tasks.

Paper ID: 178 **THE IMPACT OF COVID 19 INDUCED REMOTE TEACHING ON STUDENT PERFORMANCE: EVIDENCE FROM AN INTRODUCTORY BUSINESS STATISTICS COURSE**

Thursday, April 6, 2023 1:00 PM Salon C

The Covid-19 pandemic forced universities to close face-to-face learning and shift entirely to online instruction for a few terms. The swift and sudden movement toward remote teaching created significant challenges for students and instructors worldwide. However, both students and instructors got used to remote learning over time. Against this backdrop, this paper compares student performance before, during, and after the pandemic in an introductory business statistics course. Student grades are used as a proxy of student performance. Using exploratory data analysis and ANOVA models, this paper examines whether there is a significant difference in student performance due to Covid 19.

Paper ID: 182 **COMPARISON OF MARKET VALUE PREDICTION MODELS: MULTIPLE LINEAR REGRESSION, DECISION TREE, AND NEURAL NETWORKS**

Wednesday, April 5, 2023 8:00 AM Salon B

Real estate market value is of interest to buyers, sellers, and real estate agents. House sales is a key economic indicator and the decision to purchase a home is important for families. Market value predictions can help agents list at the best market value while forecast predictions can help the buyer set expectations. These prediction models use a residential data set of properties sold between 2008-2022. The characteristics used in the prediction models include internal and external variables e.g. # of bedrooms and bathrooms, pools, solar, and school district. A comparison of models will determine the best prediction model.

Paper ID: 183 **SUBJECTIVE NORMS AND PRIVACY-PROTECTION BEHAVIORS**

Wednesday, April 5, 2023 3:00 PM Salon D

Individuals with privacy concerns tend to perform more protection-oriented behaviors, while individuals with high perceptions of technology-use benefits tend to perform less protection-oriented behaviors. These findings create a privacy paradox for organizations when it comes to motivating employees to capitalize on the benefits of technology use while also minimizing the risks. This research examined the extent to which online-technology users' perceptions of social norms, their concern for privacy, and their perceived technology-use benefits affected their privacy-protection behaviors. The results of the analysis found that concern for privacy and perceived subjective injunctive norms are significantly, and positively related to privacy-protection behaviors.

Paper ID: 185 **FACTORS AFFECTING USERS' PERCEPTIONS OF SOCIAL-MEDIA BENEFITS AND PRIVACY CONCERNS**

Thursday, April 6, 2023 1:00 PM Salon C

This research examined the extent to which social-media users' privacy-invasion experience, risk intolerance, knowledge of privacy issues, and knowledge of others' privacy invasion experiences, influenced their concern for privacy and their perceptions about the benefits of using social media. The results of the analyses show that users' privacy-invasion experience, risk intolerance and knowledge of others' privacy-invasion experiences affected their concern for privacy. In addition, their level of risk intolerance had a negative effect on their perceptions of the benefits of using social media.

Paper ID: 186 **ALWAYS B CREATING CEOS- THE SAXBYS APPROACH TO CREATING A NEW GENERATION OF CEOS**

Friday, April 7, 2023 8:00 AM Salon A

Thousands of students major in Management, but typically management roles come years after earning a bachelor's degree. Few companies hire new graduates as CEOs or even as managers of other employees. How might universities provide executive management experience? A university/industry partnership with Aramark's B Corporation, Saxbys, provides an answer to this question. Students run a café with one serving as a paid CEO and several other students working as paid senior managers who also complete related courses for credit. The company is structured as B-Corporation permitting students to learn to do good for their communities while making a profit.

Paper ID: 187 **SUCCESS AND GROWTH OF THE BANGLADESH GARMENT INDUSTRY AND ITS IMPACT ON GENDER EQUALITY IN BANGLADESH**

Wednesday, April 5, 2023 3:00 PM Salon B

Bangladesh has also been one of the success stories, transforming itself from one of the poorest counties in the world to a lower-middle-income country in 40 years. The garment sector has been the driving force behind its growth and development. It has contributed to higher per-capita income and acted as a catalyst for social and economic development, especially gender empowerment. Using exploratory data analysis and time series models, this paper intends to investigate the reasons behind the rapid growth of the readymade garment sector in Bangladesh and its importance in promoting gender equality in Bangladesh.

Paper ID: 188 **THE IMPACT OF ONLINE TESTING MODE ON BUSINESS ASSESSMENT TEST PERFORMANCE BEFORE AND DURING COVID**

Wednesday, April 5, 2023 10:00 AM Salon A

This study attempts to share our experience when implementing online assessment format of BAT (Business Assessment Test) in pandemic and further compares the learners' BAT results when transitioning in-person assessment to online assessment at a university in Southern California. We examine 4,413 observations of students' BAT scores from Spring 2017 to Spring 2022, which covers prior- and COVID-era. The findings of learners' exit performance throughout the pandemic era enable us better fine-tune online assessment tools when we resume in-person instruction. The analytical results shed light on the deficiencies of learners' mastery which better guides us to design the "closing-the-loop" pedagogy.

Paper ID: 189 **CAN INTERNATIONALIZATION STRATEGY ENHANCE CORPORATE INNOVATION? EVIDENCE FROM CHINESE MANUFACTURING INDUSTRY**

Thursday, April 6, 2023 8:00 AM Salon G

We study whether internationalization strategies can help increase corporate innovations and empirically investigate this relationship for Chinese manufacturing companies listed on both the Shanghai and Shenzhen Stock Exchanges. We find Chinese manufacturing companies have experienced increases in corporate innovations as measured by both R&D investments and patent filings. We further find that companies with interlocking directorate board structure exhibit even stronger positive impact on innovations as they expand overseas to increase their relative international presence. We also find companies with relatively higher international exposures face increased litigation risk.

Paper ID: 190 **A STUDY OF HIPAA SECURITY RULE COMPLIANCE IN SMALL AND MEDIUM-SIZED HEALTHCARE FACILITIES DURING COVID**

Thursday, April 6, 2023 1:00 PM Salon B

The Health Insurance Portability and Accountability Act Security Rule (HIPAA-SR) was created to protect U.S. citizens' electronic personal health data. However, studies have shown that small and medium healthcare facilities have difficulties maintaining compliance, especially during COVID. A conceptual model is presented based on the theories of planned behavior, protection motivation, and general deterrence. A survey was administered to 284 employees of small and medium-sized healthcare institutions throughout the United States. The results showed a significant effect of Intention-to-Comply, Security-Awareness, Risk-of-Sanctions, and Top-Management-Support on HIPAA-SR compliance. This study extends the literature concerning HIPAA-SR and its compliance after the pandemic started.

Paper ID: 191 **AN EVALUATION OF PEACOCK AND OTHER ONLINE STREAMING SERVICES USING TEXT DATA FROM SOCIAL**

Wednesday, April 5, 2023 10:00 AM Salon C

Social media has been a significant part of many businesses and organizations. Firms are utilizing social media platforms to interact with their customers and clients to gauge the value of their products and services through diverse stakeholders. There are multiple stakeholders interested in social media information gathered from online reviews among various platforms including Twitter data for various purposes. To demonstrate the great potential of social media in unlocking the useful knowledge of market products, this paper describes an in-depth case study concerning text mining to analyze social media data.

Paper ID: 192 **DIAMOND PRICE STATISTICS FOR BUSINESS ANALYTICS EDUCATION AND RESEARCH**

Wednesday, April 5, 2023 3:00 PM Salon A

Diamond’s 4C’s grading system is a method to measure faceted diamond’s quality according to its color, cut, clarity, and carat. The Rapaport Price List links diamond’s 4C’s with its price. The goal of this study is to investigate how diamond 4 C’s affect the diamond price performance over the past ten years. The findings will be summarized for publication and used as a serials of case studies in business analytics and related courses.

Paper ID: 193 **AN ALGEBRAIC METHOD FOR THE EOQ MODEL WITH BACKORDERING**

Wednesday, April 5, 2023 10:00 AM Salon G

The Economic Order Quantity (EOQ) model is the cornerstone of inventory management and all business students study it. It is often a challenge to teach the model because some students are not mathematically well-prepared. The model is optimized using differential calculus, and not all business students easily understand the derivation. When a second decision variable is added to the model, which happens with the planned backorders model, the challenge becomes even bigger. We present a simple method to teach the EOQ model with planned backorders to undergraduate business students or practitioners who are not well-versed in differential calculus.

Paper ID: 194 **FEMALE DIRECTORS ON INVESTMENT SENSITIVITY TO Q: AN INFORMATION PROCESSING MODEL PERSPECTIVE**

Thursday, April 6, 2023 8:00 AM Salon G

This paper examines whether female directors affect managers to follow the market in making investment decisions. We find that the presence of female directors reduces the sensitivity of investment to the misvaluation component of Tobin’s Q, especially when firms are more likely overvalued. Instead, the presence of female directors increases the sensitivity of investment to internal measures of growth opportunities and reduces the likelihood of abnormal investment. Further analyses show that female directors may help with discerning the firm-specific valuation errors through their advising function. Our main results are robust to alternative explanations and endogeneity concerns.

Paper ID: 195 **MOBILIZING A NATION: PERSUASIVE APPEALS IN VIETNAMESE WAR POSTERS**

Wednesday, April 5, 2023 3:00 PM Salon C

How did the North Vietnamese government use propaganda posters during the Vietnam War (1963-1975) to rally Vietnamese people’s support of its war efforts and win the war? Through an interpretive analysis of the iconography and texts in 141 posters, the study demonstrates four thematic appeals in Vietnamese posters during the war: 1/ Emotional appeals (hate and sympathy; pride and indomitability); 2/ Social appeals (total mobilization and patriotism; allegiance and solidarity); 3/ Authority assertion and dedication; 4/ Idealized future. The study delivers cultural and political insights for research in macromarketing, advertising and communication, art history, political science and Asian studies.

Paper ID: 196 **ANALYZING SENTIMENTS ON AVOCADO USING TEXT MINING**

Wednesday, April 5, 2023 10:00 AM Salon C

Twitter data contains a lot of information that might be relevant to business decision-making. However, most consumers and marketers have little understanding of the potential and application of Twitter data in marketing. This study offers some insights on the public debate on “avocado” using Twitter data and offers key findings on how such insights may be used for food marketing promotions or innovations in avocado retailing.

Paper ID: 197 **THE IMPACT OF SUSTAINABLE SUPPLY CHAIN FINANCE ON SUPPLY CHAIN RESILIENCE**

Wednesday, April 5, 2023 1:00 PM Salon G

Supply chain finance (SCF) has gained interest among academicians and practitioners amid the COVID-19 pandemic. Firms have started adopting SCF systems that promote sustainable practices to enhance supply chain resilience. However, the impact of sustainable supply chain finance (SSCF) practices on supply chain resilience is still in its infancy. This exploratory study systematically reviews SSCF literature and develops a framework by investigating the capabilities of SCF, the outcomes of SCF that promote sustainability, and their relationship to resilience. This research identifies the gaps in the literature and adds an understanding of SSCF and its impact on supply chain resilience.

Paper ID: 198 **OPEN DATA PLATFORM TO PROMOTE GENDER EQUALITY POLICIES IN STEM**

Friday, April 7, 2023 10:00 AM Salon A

Women are still underrepresented in Science, Technology, Engineering, and Mathematics (STEM). In the last decade, government and academic institutions have developed initiatives and policies to increase the participation of women in STEM. However, they are rarely published in an open and structured way. This research proposal presents a plan to develop an open data platform of existing policies and initiatives that promote gender equality in STEM in three countries in South America, Bolivia, Brazil, and Peru with an emphasis in technology areas. This project, funded by the Canadian government, has three phases from 2022 to 2025.

Paper ID: 199 **CAUSES OF FOOD INSECURITY: A SYSTEMATIC REVIEW**

Thursday, April 6, 2023 10:00 AM Salon D

In this study, we have reviewed the literature and identified different socioeconomic and environmental factors that have contributed to the prevalence of food insecurity. Our review showed that prevalence of food insecurity varies for different genders, age groups, as well as races and ethnicities. This is mainly due to different socioeconomic and environmental condition these demographic subpopulations are facing. Our review showed some contributing factors listed in different studies are household size, financial status (income level), educational degree, educational institutions, occupation, housing status, as well as medical care availability.

Paper ID: 201 **USING SCENES FROM A MOVIE TO IMPROVE HR SKILLS AND DECISION-MAKING**

Thursday, April 6, 2023 10:00 AM Salon A

A growing number of peer-reviewed articles describe methods of using movie clips to improve teaching in areas such as language, family theory, chemistry, and pharmacology. A recent article by Reyes-Santias et al. (2022) provides a step-by-step process. This paper expands on their research to move from presenting a case followed by debate to an approach in which movie clips are selected that require analysis of the situation and model for role playing what might have been done differently. These activities help students build skills such as conducting a performance review, delivering developmental feedback or terminating an employee.

Paper ID: 202 **CREATING A PIPELINE OF K-12 TEACHERS FROM EXISTING PARAEDUCATORS**

Thursday, April 6, 2023 1:00 PM Salon C

The pupil/teacher ratio in US elementary and secondary schools fell from 15.7 in 2003 to 15.4 in 2016 according to the National Center for Education Statistics (Kena et al., 2016). The number of teachers leaving the profession exploded during the pandemic. Public school teachers earn 20 percent less than non-teacher college graduates. In a majority of states, teachers who are the sole earners in their household qualify for two or more government assistance programs. This study focuses on the induction and mentorship of employees working in teaching adjacent roles, such as teaching aids, yard supervisors and behavior-based interventionists.

Paper ID: 203 **CAN LESS BECOME MORE? STATIC AND DYNAMIC RATIONALITY CONCEPTS IN ECONOMIC TRANSACTIONS: FINDINGS FROM AN EXPERIMENTAL STUDY**

Wednesday, April 5, 2023 1:00 PM Salon B

Human conduct in economic transaction processes has been modelled along the notion of the ‚economic man‘ in mainstream economics ever since, whereas more recent approaches of behavioral economics heavily challenge that concept close to Laplace’s demon.The former assumes that actors in transaction processes(i.e.exchange of goods and services)behave strictly in pursuit of their material benefit,whereas the latter emphasises "social“ preferences like fairness and reciprocity. We theoretically analyse the foundations of the homo oeconomicus model in the first place and in comparison to the homo socialis concept as a contrasting theorem.

Paper ID: 204 **HYBRID PHISHING EMAIL DETECTOR BASED ON EMAIL FEATURES AND CONTENTS**

Wednesday, April 5, 2023 10:00 AM Salon B

Cybercrime events have been increasing quickly in recent years. Therefore, how to detect them becomes essential in many enterprises. According to related research, the major trend of phishing email detection methods is using only email context or functionality. In this manuscript, we consider using email contents and features with the specifically designed extractor to capture critical parameters to train the selected machine-learning algorithms. Then the individual models for email contents and features are built. The prediction results are combined by an OR operator to create a hybrid detector. The performance includes accuracy 0.9977, precision 0.9907, recall 1.0000, and F-measure 0.9953.

Paper ID: 205 **COMPETITIVE AWARENESS OF CHINESE AND DEVELOPED ECONOMY MULTINATIONALS**

Wednesday, April 5, 2023 1:00 PM Salon B

In this article, we develop a framework to explore the differences of competitive awareness between Chinese multinational enterprises (CMNEs) and developed-economy multinational enterprises (DMNEs). First, we categorize the sources of competitive awareness into four quadrants based on the known or unknown information to both DMNEs and CMNEs. All four quadrants represent different challenges as firm strategy depends on how accurately firms perceive their competition. Second, we apply our framework to four different competitive landscapes as the home country of the CMNE, home country of the DMNE, another emerging economy, and another developed economy.

Paper ID: 206 **THE DECLINE OF MEN IN THE WORKFORCE: A VOCATIONAL INTEREST VARIABILITY PERSPECTIVE**

Wednesday, April 5, 2023 3:00 PM Salon B

Vocational interests are the most widely used psychometric tools in career choice and selection. Gender effects within vocational interests can help explain the differences in occupational choices observed such as the under-representation of women in STEM fields (Su et al., 2009). In this paper, we examine one such gender difference between men and women: the vocational interest variability (differentiation) across different age groups. People with highly differentiated interests are cognizant of and possess clarity regarding which work activities they are interest or disinterested in.

Paper ID: 207 **A GAP ANALYSIS FOR INFRASTRUCTURE REQUIREMENTS OF THE TRANSITION TO ZERO-EMISSION VEHICLES IN THE STATE OF CALIFORNIA**

Wednesday, April 5, 2023 8:00 AM Salon D

California's Clean Energy executive order mandates that all operations of medium and heavy-duty (MDHD) vehicles will be 100% zero emissions by 2045. For passenger vehicles, the mandate goes into effect by 2035. The location and availability of charging infrastructure are one of the most important factors for fleet companies to boost electric vehicle adoption. The objective of this research is to identify the optimal locations for Zero Emission Vehicles (ZEV) public charging stations for the transition to electric fleet. The focus of the current phase of this research is on estimating the demand for charging stations.

Paper ID: 208 **PROPERTIES OF THE VARIANCE OF ANALYSTS' FORECAST OF EARNINGS IN GOOD-NEWS AND BAD-NEWS ENVIRONMENTS: THEORY, EVIDENCE AND USEFULNESS**

Thursday, April 6, 2023 3:00 PM Salon A

This study documents that the variance of analysts' forecast of earnings is smaller when the expected or actual news about earnings is good (relative to when it is bad). An examination over the entire fiscal year provides evidence of earlier consensus building amongst analysts, as measured by reduction in variance over time in the good-news environment. Forecasts of earnings can be improved when variance of analysts' forecasts are used along with its mean. A trading strategy based on the variance of analysts' forecasts earns positive abnormal returns, when conditioned upon the nature of the news.

Paper ID: 210 **LESSONS LEARNED FROM FAILED DIGITAL FORENSIC INVESTIGATIONS**

Wednesday, April 5, 2023 1:00 PM Salon A

The goal of this study is to identify possible factors contributing to digital forensics deficiencies leading to inadmissible evidence. We analyze five cases of failed DFI to identify common patterns and elements within each phase of the DFI process. We use a multilayered approach based on human, technical, and organizational dimensions to investigate the reasons for DFI failures.

Paper ID: 211 **CIRCULAR ECONOMY THROUGH A MARKET MAKER**

Thursday, April 6, 2023 8:00 AM Salon D

The goal of circular economy is to achieve sustainable economic growth and social development. However, prior literature is focusing on achieving circular economy on a single firm's level, which is very challenging beyond a certain degree since there is limit to material being reused and staying in the same circular loop of one firm, or even of one industry. One such policy that promote the circular economy is the take back policy. Instead, achieving circular economy on macro level becomes more feasible since it allows other companies to take back a firm's products through market matching.

Paper ID: 213 **PROPOSAL OF A SOCIAL MARKETING INDEX FOR THE BANKING INDUSTRY; A PILOT STUDY FROM TURKEY**

Thursday, April 6, 2023 3:00 PM Salon A

Undoubtedly, COVID-19 taught that all organizations worldwide should seriously reconsider sustainability once more since many people either died or became sick during the pandemic. Thus, everyone tried to make people stay safe and well during this unprecedented time. In addition, protecting the environment and contributing to the communities were also significant. Thus, the most critical question that could be raised in this environment would be, "who is doing what to influence behavior changer societal gain together with financial gain?" The question could be customized to industries, sectors, or a specific company or corporation.

Paper ID: 214 **SWIFT TRUST WITH TECHNOLOGY: IS IT POSSIBLE?**

Wednesday, April 5, 2023 10:00 AM Salon B

Swift trust is a form of trust that arises when people are expected to work under the time pressure to accomplish a common goal with other members who they might not have met face-to-face before. This makes it difficult to acquire the essential prerequisites for traditional trust. The swift trust literature comprises studies concerning about human-to-human swift trust, but the nature of today's work also requires one to work with technology. In this study, we review the existing findings of trust in technology and explore the possibilities of swift trust together with technology. Managerial implications will be provided.

Paper ID: 215 **SLOTTING FEE PRICING MODEL: A COMPARISON OF TRADITIONAL AND E-COMMERCE BUSINESS**

Thursday, April 6, 2023 10:00 AM Salon D

Slotting allowances and slotting fees were defined as the payments by manufacturers to persuade downstream channel members to stock, display, and support new products. Two schools of thought offer different viewpoints on the impact of collecting slotting allowances and slotting fees. One argues that the collection of slotting allowances and slotting fees improves distribution efficiency and stipulates competition while the other thought argues that these fees damage competition. In general, retailers agree more on the former view and manufactures prefer the latter.

Paper ID: 216 **TWO-PHASE HYBRID FLOWSHOP SCHEDULING PROBLEM TO MINIMIZE COMPLETION TIME**

Thursday, April 6, 2023 3:00 PM Salon C

In this study, a scheduling problem to minimize total completion time of jobs in an assembly line with two-phase flow shop is considered. In the first phase, there are m machines in which different types of parts are manufactured respectively and those m parts are assembled at single machine in the second phase. We formulated this problem as a mathematical form to obtain optimal solution for a small sized problem since this problem is known to be NP-hard. Simulation study with randomly generated data is conducted to evaluate the suggested methods with optimal solution.

Paper ID: 220 **HUMAN ACTIVITY CALORIES CONSUMPTION CALCULATION BASED ON SKELETON DETECTION**

Thursday, April 6, 2023 10:00 AM Salon G

Statistically, obese people are three times more likely to have dyslipidaemia, diabetes and metabolic syndrome, and twice as likely to have osteoarthritis of the knee, high blood pressure, gout and cardiovascular disease as the average person. While the calorie content of a food product can be determined from its nutritional label, there is no way of knowing the calorie consumption corresponding to the different activities in life in order to maintain a calorie balance. This study reviews previous research on human activity heat expenditure and proposes a robust, non-contact method of identifying human activity that doesn't require any sensor device.

Paper ID: 222 **THE DISCUSSION OF THE EFFICIENCY, ENERGY CONSERVATION, AND CARBON REDUCTION OF THE CLOUD TIMING SYSTEM IN MARATHON EVENTS**

Thursday, April 6, 2023 8:00 AM Salon D

Economic development and excessive material enjoyment have led modern people to pay increasing attention to sports to enhance their health, and running has become one of the sports choices for many people. Large marathon events require the use of accurate chip timing systems for timing and ranking because of the competition and the award of prizes. The cloud timing system avoids several difficulties and the advantages are: omitting long network cable to connect the timing zone and printing zone, helping the moving line arrangement of the venue, and also avoiding the inconvenience caused by network disconnection.

Paper ID: 223 **SUPPLY CHAIN RESILIENCE: EVIDENCE FROM EMPIRICAL STUDY OF BULLWHIP AND REVERSE BULLWHIP EFFECTS ACROSS NATIONS**

Wednesday, April 5, 2023 1:00 PM Salon G

Recent scattered research has indicated some sectors consistently amplify while others dampen the price or demand variances in supply chains. We propose to examine the bullwhip (BWE) or reverse bullwhip (RBE) patterns in supply chains in a few countries, where the industry level statistics are available. Furthermore, a regression model will be utilized to identify contributing factors related to a sector's variance regulation behaviors. The prediction is that we will observe Supply Chain Resilience in the data, i.e., sectors operating in an unfavorable environment tent to smooth the supply chain fluctuation.

Paper ID: 224 **EVALUATING AIR FORCE LOGISTICIAN'S RISK INFORMATION SEEKING DURING THE COVID-19 PANDEMIC**

Thursday, April 6, 2023 10:00 AM Salon C

As a key enabler of military power and the foundation for military operations, Air Force (USAF) logistics organizations must be able to sustain operations throughout times of crisis and extreme uncertainty. With effective communication being one of the most important factors in responding to and preventing the spread of the COVID-19 virus, the manner in which USAF logistics organizations communicated may have been key to continuing the mission and keeping Airmen safe. This research aims to determine if an expanded Planned Risk Information Seeking Model can be used to evaluate the effectiveness of USAF logistics organization's meetings during the pandemic.

Paper ID: 298 **ESTATE AND GIFT PLANNING TECHNIQUES UNDER FEDERAL AND STATE TRANSFER TAX SCHEMES**

Thursday, April 6, 2023 1:00 PM Salon G

In this special session, we will present a summary of decedents' estate procedures in state probate court before providing a survey of "alphabet soup" trust techniques for transferring wealth, including relevant concepts in federal estate and gift tax law, federal income tax law, and state property tax law.